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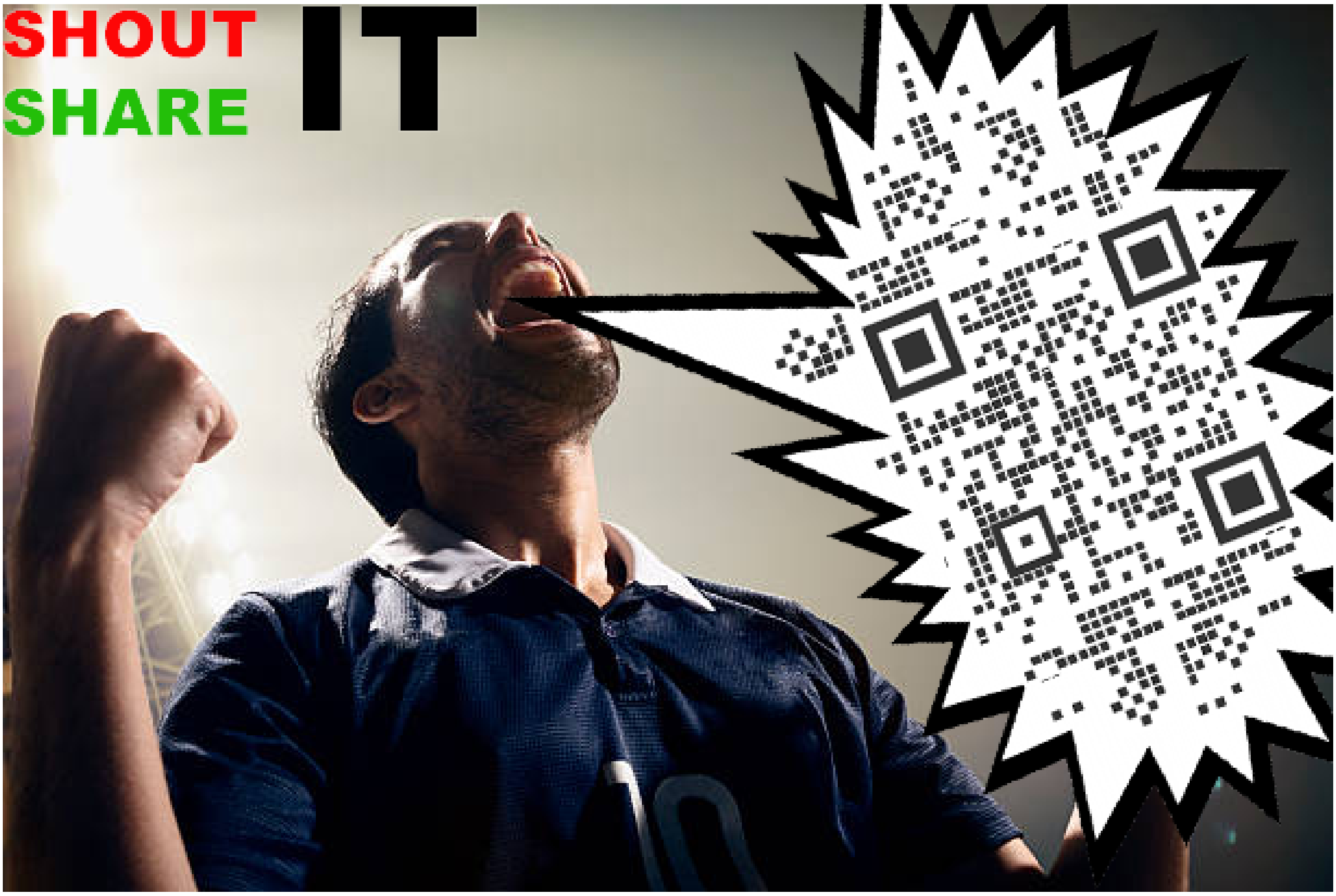
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UNITED STATES NATIONAL MUSEUM

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1961

Type Specimens of Birds In the United States National Museum

By HERBERT G. DEIGNAN
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Publications of the United States National Museum

The scientific publications of the United States National Museum include two series, *Proceedings of the United States National Museum* and *United States National Museum Bulletin.*

In these series are published original articles and monographs dealing with the collections and work of the Museum and setting forth newly acquired facts in the fields of Anthropology, Biology, Geology, History, and Technology. Copies of each publication are distributed to libraries and scientific organizations and to specialists and others interested in the different subjects.

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This work forms number 221 of the *Bulletin* series.

REMINGTON KELLOGG,
Director, United States National Museum.

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ERRATA

On p. 52, line 9 from bottom,	for *Falcosparverius* read *Falco sparverius*
On p. 53, line 12 from bottom,	for *cinnamoninus* read *cinnamominus*
On p. 61, line 1,	for ***Pediocætes Kennicotti*** *Suckley* read **Pediocætes Kennicotti** Suckley
On p. 210, line 9 from bottom,	for *Calaptes* read *Colaptes*
On p. 222, line 14,	for Pétersbourg read St. Pétersbourg
On p. 283, line 5,	for Auk 60 read Auk 64
On p. 409, line 8,	for *Musicapa* read *Muscicapa*
On p. 412, line 27,	for *masculatus* read *maculatus*
On p. 463, line 4 from bottom,	for **Musicicapula** read **Muscicapula**
On p. 691, Index,	for Idiospar read Idiopsar
On p. 696, Index,	for melanocleucos read melanoleucos

Introduction

My study of the types of birds preserved in the national collection, initiated in 1945, was terminated in the spring of 1960. It will be readily appreciated that so protracted a task, dealing with birds of all the world, may have produced certain inadvertent inconsistencies of treatment, for which I offer no apology.

My understanding of what constitutes a type or cotype is precisely that of the late Outram Bangs (Bull. Mus. Comp. Zool., vol. 70, p. 149, 1930): "When an author specifies a certain individual as his type or has one specimen from which he describes, then there is a holotype, or as it is called here, following the usual custom of ornithologists, a type. On the other hand, when an author describes from several specimens, and does not himself designate any one as his type, all of the original specimens from the type locality are of equal importance, and all are cotypes. No one of such specimens can afterwards be selected by someone else, and called *the* type (as has frequently been done by Ridgway in Birds of North and Middle America). Some authors have followed the very bad practice of designating a male and a female type, in which case both must be listed as cotypes."

Stability of nomenclature is often attained by choice of a lectotype from a multiple series; this is especially true when the original material has been demonstrated to be composite in nature. I have not, however, granted recognition to a lectotype except in cases in which some reviser has shown its necessity and has, so far as it has been possible, again brought together all the first describer's material and has selected that one of the original series that (1) best agrees with the description and (2) preferably comes from a locality which, in the light of modern knowledge of range, will best serve the cause of stability. If one of von Tschudi's equivalent cotypes is in Neuchâtel, a second in London, and a third in Washington, the fact that such an authority as Hartert has stated that *the* type is in Neuchâtel does not stultify the claims of the cotypical specimens in London and Washington, sent away from Neuchâtel at a time when the importance of types in general was barely, or not at all, understood. If, however, someone were to show that the three supposed cotypes represent two distinct forms and were to restrict the use of von Tschudi's name to the one exemplified by the Washington specimen, the London cotype, exactly like it, is no less a cotype for the now restricted name; if, moreover, the Washington bird should become lost to science, the one in London must then represent the only possible type.

To enable future workers, at need, to reconstruct original series, I have, whenever possible, named the current resting places of skins that have left our collection and, by indicating those that have wholly dropped from sight, may yet succeed in bringing them again to light.

In view of the foregoing remarks, I need not say that neotypes have, in my eyes, no actual existence. Nor will one find, in the pages to follow, any example of what might be called a pseudotype, that is to say, a holotype specimen arbitrarily declared to represent a species other than its own (for which a precedent has recently been set in the case of an African duck).

The treatment followed by me may here be summarized: I list first the name given at the original description, exactly as published, even when misspelled, followed immediately by the bibliographic reference; then, if the original name is now considered a mere synonym of another, or has been placed in a genus other than the one used by the author, or has been degraded from a binomial to a trinomial (or elevated from a trinomial to a binomial), I so indicate, with citation of author(s) and place(s) of publication responsible for the changes accepted; third, I list the type or cotypes still to be found in Washington, with whatever data are known about them and, when data were erroneously transcribed by the original author, so indicating and making corrections; finally, there may be a commentary on specimens now missing from the series and frequently also a discussion of the history of the name and of the original specimens.

It would have been presumptuous in me to have attempted subjectively to allocate to modern genera and species so many hundreds of bird names from every continent, and I have, whenever possible, drawn upon the writings of modern revisers to indicate the names currently employed; occasionally, one author is cited to justify the use of a given generic name, while another is cited for the specific name, the use of a trinomial, etc. In certain cases, I have personally disagreed with the treatments accorded by others, in other cases I have found no modern criticism at all, and then have made my own decisions, indicated by "Deignan (MS.)."

Whether the decision is my own or that of one or more of my colleagues, it is possible that injustices have been done to some names that have here been reduced to synonymy; I can only plead that each name has been viewed by me with all the objectivity of which I have been capable and suggest that sooner or later, with increasing knowledge, such errors will be automatically rectified. Names very recently published and not yet commented upon in print have been assumed to be valid. Whenever an author has been himself responsible for synonymizing his own name, I have so accredited him.

Certain authors will be disappointed to find that some major work of theirs on a given species or genus has not been cited as authority for my treatment. I can only say that this does not indicate that I disparage the validity of their work, but rather that it appeared *after* I had completed the pertinent portion of my studies, and, finding no discrepancy between the new work and the older one cited, I have left my manuscript unaltered. This will explain also the fact that The American Ornithologists' Union's "Check-list of North American Birds" is often cited from the fourth edition (1931) and its Supplements that have appeared in "The Auk," rather than from the fifth edition (1957).

Birds named by ornithologists of the modern period have rarely required special research, beyond, on occasion, tracing the identity of some obscure type locality or correction of erroneous published data. This has, however, seldom been true of those named during the nineteenth century, when standards had not yet been firmly established. Information on many of the specimens acquired through the early exploration of unmapped western North America has been obtainable only by laborious examination of government documents, biographies, diaries and journals, primitive maps and charts (sometimes compiled by dead reckoning), study of archival materials in the Smithsonian Institution and the Library of Congress, comparisons of handwritings, correspondence with colleagues in museums at home and abroad, and other techniques of historical research. I have had the advantage of access to numerous unpublished notes of the late Charles W. Richmond, who first in the Division of Birds understood the importance of isolating the type specimens from the general collection and who recorded museum tradition derived through Robert Ridgway from Spencer Fullerton Baird.

While the national collection of birds came into existence in 1850, when Baird arrived in Washington and deposited his private collection to become the nucleus of what would grow into one of the world's great collections, many of the specimens recorded in the pages to follow are of earlier date than 1850. The oldest of our types is that of *Corvus brachyrhynchos* Brehm, the Common Crow of the northeastern United States, which, given a name in 1822, was obviously collected earlier. The invaluable material from the famous United States Exploring Expedition was collected in the years 1838–1842, but only much later transferred into the national collection. Similarly, the types of birds named by John James Audubon, John Kirk Townsend, and others of their group were collected prior to the foundation of the national museum, eventually to reach us as part of Baird's initial donation.

Among the many types of particular historic interest now preserved in Washington are, possibly, the last surviving of those collected by John Richardson and his companions during Sir John Franklin's second land voyage (1826–1827) across northwestern Canada; the majority of those named by Titian Ramsay Peale, ornithologist of the United States Exploring Expedition; the mysterious "sixteen new species" from "Texas," named by Jacob Post Giraud, Jr., in the rare privately issued folio of 1841 (see *Muscicapa texensis* Giraud); and most of those that resulted from the governmental surveys and explorations of the "Great West" during the first three quarters of the nineteenth century.

Two of our types possess a peculiar interest in being unique of their kind. These are *Tringa cooperi* Baird, a sandpiper taken on the coast of Long Island on May 24, 1833, and *Emberiza Townsendii* Audubon, a bunting collected in Chester County, Pennsylvania, on May 11, 1833. Neither bird (either or each may represent a mutation, a hybrid of uncertain parentage, or the last of its dying race) has ever been seen again and, were the specimens not now extant, each would be considered a chimerical species.

To all those, too numerous to name, who have assisted me in my researches, and to my wife, Stella Leche Deignan, who has assisted me in the tedious task of reading the proofs, I now extend my thanks.

Type Specimens of Birds in the United States National Museum

Order TINAMIFORMES: Tinamous

Family TINAMIDAE: Tinamous

Genus TINAMUS Latham

Tinamus guttatus "Natterer" von Pelzeln

Verh. Zool.-Bot. Ges. Wien 13: 1126, 1128, 1863.

=*Tinamus guttatus* von Pelzeln. See Hellmayr, Nov. Zool. 14: 409, 1907.

35004. Adult male. Pará (Belém), State of Pará, Brazil. December "1835." Collected by Johann Natterer. Original number 890. Received from the Naturhistorisches Museum, Vienna.

Von Pelzeln's description was based upon a series of seven adults and one immature from various localities in Brazil and Venezuela. There is an adult male from Pará in the British Museum, acquired as part of the Salvin-Godman collection; all other cotypes are presumably still in Vienna.

According to von Pelzeln (Zur Ornithologie Brasiliens, pp. xix–xx, 1871), Natterer was in Pará only from September 11, 1834, to September 15, 1835. Since Natterer's field notes mention only November and December specimens from this locality, it is clear that 1835 on the original label must be considered a *lapsus calami* for 1834.

Genus NOTHOCERCUS Bonaparte

Tinamus frantzii Lawrence

Ann. Lyc. Nat. Hist. New York 9: 140, April 1868.

=*Nothocercus bonapartei frantzii* (Lawrence). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 25, 1942.

51285. Adult female. Cervantes, Province of Cartage, Costa Rica. April 15, 1867. Collected by José Castulo Zeledón. Original number 304.

Nothocercus bonapartei discrepans Friedmann

Caldasia 4 (20) : 472, September 1, 1947.

372295. Adult female. Melgar (elev. 430 meters), Department of Tolima, Colombia. 1926. Collected by Brother Nicéforo María. Original number 43.

Genus CRYPTURELLUS Brabourne and Chubb

Crypturellus saltuarius Wetmore

Proc. Biol. Soc. Washington 63: 171, December 29, 1950.

372312. Adult male. Ayacucho (elev. 500 feet), 25 km. east of La Gloria, Department of Magdalena, Colombia. June 9, 1943. Collected by Melbourne A. Carriker, Jr. Original number 4245.

Crypturus inornatus Nelson

Auk 17 (3) : 253, July 1900.

=*Crypturellus cinnamomeus mexicanus* (Salvadori). See Friedmann, Griscom, and Moore, Distributional checklist of the birds of Mexico 1: 10, footnote 1, 1950.

158434. Adult male. Metlaltoyuca, State of Puebla, México. February 14, 1898. Collected by Edward A. Goldman. Original number 5086. Received from the U.S. Fish and Wildlife Service.

Crypturus sallaei goldmani Nelson

Proc. Biol. Soc. Washington 14: 169, September 25, 1901.

=*Crypturellus cinnamomeus goldmani* (Nelson). See Friedmann, Griscom, and Moore, Distributional checklist of the birds of Mexico 1: 11, 1950.

167715. Adult male. Chichén Itzá, State of Yucatán, México. February 1, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7545. Received from the U.S. Fish and Wildlife Service.

Crypturellus noctivagus cursitans Wetmore and W. H. Phelps, Jr.

Proc. Biol. Soc. Washington 69 (1): 1, May 21, 1956.

———. Adult male. San Luis (elev. 530 meters), near Burgua, State of Táchira, Venezuela. November 23, 1952. Collected by Ramón Urbano. Deposited by W. H. Phelps, Sr., in whose private collection it is No. 58544.

Tinamus erythropus "Natterer" von Pelzeln

Verh. Zool.-Bot. Ges. Wien 13: 1127, 1129, 1863.

=*Crypturellus noctivagus erythropus* (von Pelzeln). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 61, 1942.

35005. Adult male. Barra do Rio Negro=vicinity of Manáos, State of Amazonas, Brazil. November 12, 1832. Collected by Johann Natterer. Original number 903. Received from the Naturhistorisches Museum, Vienna.

Von Pelzeln's description was based upon a series of 13 birds from several localities. There is an adult male from the Barra do Rio Negro in the British Museum, acquired as part of the Salvin-Godman Collection; all other cotypes are presumably still in Vienna.

Genus RHYNCHOTUS von Spix

Rhynchotus arcanus Wetmore

Journ. Washington Acad. Sci. 11(18): 434, November 4, 1921.

=*Rhynchotus rufescens pallescens* Kothe. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 83, 1942.

21061. Adult male. Paraná, Province of Entre Ríos, Argentina. March 1860. Collected by Christopher D. Wood? Original number 50. Second U.S. Survey of the Río Paraná (1859–1860).

Genus NOTHURA Wagler

nothura maculosa savannarum Wetmore

Journ. Washington Acad. Sci. 11: 435, November 4, 1921.

=*Nothura maculosa maculosa* (Temminck). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 104, 1942.

283655. Adult female. San Vicente, Department of Rocha, Uruguay. January 27, 1921. Collected by Alexander Wetmore. Original number 5827. Received from the U.S. Fish and Wildlife Service.

Genus EUDROMIA Geoffroy St.-Hilaire

Calopezus elegans albidus Wetmore

Journ. Washington Acad. Sci. 11: 437, November 4, 1921.

=*Eudromia elegans albida* (Wetmore). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 111, 1942.

71061. Adult (sex not indicated). Province of San Juan, Argentina. This is one of five specimens, representing four species, labeled and entered in the register by Ridgway on May 21, 1877, with no data other than "Ad." and "San Juan, Buenos Ayres." For four of them, "6/635" is given in the register as the original number.

Order SPHENISCIFORMES: Penguins

Family SPHENISCIDAE: Penguins

Genus PYGOSCELIS Wagler

Aptenodytes longicauda Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 261, "pl. LXX, fig. 2," 1848.

=*Pygoscelis adeliae* (Hombron and Jacquinot). See Cassin, U.S. Exploring Expedition 8 (Mamm. and Orn.): 352, 1858 (where erroneously called *Aptenodytes longicaudata*).

15667. Adult (sex not indicated). "In the vicinity of ice in the Antarctic regions, south of the sixtieth degree of latitude." Original number 696. U.S. Exploring Expedition (1838–1842).

15668. Adult (sex not indicated). Same data as No. 15667.

Peale made definite reference to but one specimen: In his paragraph on measurements he discussed a male, collected by Silas Holmes (assistant surgeon of the Brig *Porpoise* during its cruise toward the South Pole) at lat. 60°40′ S., long. 103° 04′ E. Cassin stated, however, that there were "numerous" specimens in the collection of the Expedition and in his manuscript list indicated that there were, in fact, three before him.

There is no reason to believe that Peale's description of plumage is not composite; the three specimens extant must then all be considered cotypes.

The bird no longer in Washington (USNM 15671) is now No. 75684 in the collection of the Museum of Comparative Zoology.

Genus MEGADYPTES Milne-Edwards

Aptenodytes flavilarvata Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 260, "pl. LXX, fig. 1," 1848.

=*Megadyptes antipodes* (Hombron and Jacquinot). See Cassin, U.S. Exploring Expedition 8 (Mamm. and Orn.): 351, 1858.

15655. Adult male. Auckland Islands, Southern Ocean. Collected by Silas Holmes. Original number 695. U.S. Exploring Expedition (1838–1842).

Peale stated that a pair were collected and gave measurements for one of each sex. Cassin, however, indicated in his manuscript list that he had but one, and Richmond was able to find only one entry for the species in the museum register. The female must then long since have disappeared without trace.

Order PODICIPEDIFORMES: Grebes

Family PODICIPEDIDAE: Grebes

Genus PODICEPS Latham

Podiceps Californicus Heermann

Proc. Acad. Nat. Sci. Philadelphia 7: 179 (not earlier than October 31), 1854.

=*Podiceps caspicus californicus* (Heermann). See A.O.U. checklist of North American birds, ed. 5, p. 6, 1957.

9942. Immature (sex not indicated). San Pedro, Los Angeles County, California. *Ca.* 1853. Collected by Adolphus L. Heermann. Pacific Railroad Survey, California Line.

Stone (Proc. Acad. Nat. Sci. Philadelphia, p. 22, 1899) asserts that the holotype of this form is A.N.S. No. 30072. A full discussion of the history and stronger claim to typeship of the specimen here listed will be found in Grinnell's study of the type localities of California birds (Univ. California Publ. Zool. 38: 260, 1932).

[Podiceps] cooperi Lawrence, *in* Baird, Cassin, and Lawrence

Rep. Expl. and Surv. R.R. Pac. 9: 893, 1858.

=*Podiceps grisegena holböllii* (Reinhardt), *fide* Deignan (Ms.).

4499 *bis.* Immature male. Shoalwater Bay, Pacific County, Washington. March 15, 1854 or 1855. Collected by James G. Cooper. Pacific Railroad Survey, Line of the 47th Parallel.

4500 *bis*, Immature female. Shoalwater Bay, Pacific County, Washington. March 15, 1854 or 1855. Collected by James G. Cooper. Pacific Railroad Survey, Line of the 47th Parallel.

Genus AECHMOPHORUS Coues

Podiceps occidentalis Lawrence

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: liv, 894, 1858.

=*Aechmophorus occidentalis* (Lawrence). See Peters, Checklist of birds of the world 1: 40, 1931.

9925. Adult male. Fort Steilacoom, Pierce County, Washington. April 21, 1856. Collected by George Suckley. Original number 320. Pacific Railroad Survey, Line of the 47th Parallel.

9926. Adult (sex not indicated). Fort Steilacoom, Pierce County, Washington. October 10, 1856. Collected by George Suckley. Original number 583. Pacific Railroad Survey, Line of the 47th Parallel.

9928. Adult (sex not indicated). Fort Steilacoom, Pierce County, Washington. October 8, 1856. Collected by George Suckley. Original number 580. Pacific Railroad Survey, Line of the 47th Parallel.

Lawrence wrote of "six specimens in the collection," but in fact listed seven. No. 9927 was sent long ago to the University of Michigan; the other three cotypes, Nos. 4497 *bis* (not 4497), 4498 *bis*, and 9544, have vanished from the museum without trace.

Podiceps clarkii Lawrence

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: liv, 895, 1858.

=*Aechmophorus occidentalis* (Lawrence). See Grinnell, Univ. California Publ. Zool. 38: 261, 1932.

4498. Immature (sex not indicated). San Pablo Bay, "probably within Solano County" (*fide* Grinnell, *loc. cit.*), California. November 1855. Collected by John S. Newberry. Pacific Railroad Survey, California Line.

9930. Adult female. Laguna de Santa María, State of Chihuahua, México. Entered into the museum register on March 24, 1858. Collected by John H. Clark. Original number 30. Pacific Railroad Survey, California Line.

9931. Immature male. Santa Barbara, Santa Barbara County, California. Entered into the museum register on March 24, 1858. Collected by Adolphus L. Heermann. Pacific Railroad Survey, California Line.

This form was described from the three cotypes listed above. Grinnell (*loc. cit.*), following a manuscript decision of Richmond's, has designated No. 4498 as lectotype and accordingly fixed as type locality "San Pablo Bay, probably within Solano County, and not far from Vallejo." It is true that an unidentified hand has long since written "Type specimen" on the label of No. 4498; on the other hand, Baird himself has written "Type of sp. & fig. pl. 100" on the label of No. 9930 and confirmed this by writing "9930 ♀. Chihuahua" on pl. 100 of the National Museum's copy of the 1860 edition.

In short, if there is to be a lectotype at all, it must be No. 9930, selected by Baird as the only adult of the series and the only specimen collected by its namesake. Grinnell's argument that "the measurements given in the description above on the same page . . . are those given in the table for this specimen" is no proof that the description was based upon the same specimen or even upon any single specimen; see Lawrence (*tom. cit.*, p. 894), who gives a composite description of *Podiceps occidentalis,* followed by "the dimensions of the largest one, as they were taken from the specimen while fresh."

Order PROCELLARIIFORMES: Albatrosses, Shearwaters, Petrels

Family DIOMEDEIDAE: Albatrosses

Genus DIOMEDEA Linnaeus

D[iomedea]. leptorhyncha Coues

Proc. Acad. Nat. Sci. Philadelphia 18: 178 (not earlier than May 29), 1866.

=*Diomedea leptorhyncha* Coues

346315. No data.

This is part of a recent skull without mandible, and with the maxilla longitudinally bisected; at some time it has been broken into four parts, which have been glued together.

The species was provisionally erected on "a skull of an Albatross, wanting the lower jaw." Many years ago No. 346315 was set aside by Richmond as the "probable type," but it was not entered into the register of the Division of Birds until early in 1942. Comparison of the specimen with Coues's diagnosis indicates that it may properly be considered the holotype.

The skull was held by Coues in general features to stand nearest *Diomedea albatrus* Pallas. It seems without question to belong to a form of the genus *Diomedea,* but has never been found to match any specimen of the known recent species.

There is a bare chance that this is the example of *D*[*iomedea*]. *culminata?* Gould recorded by James G. Cooper in these words: "I believe a skull of one of these has been found on the beach near this city [San Francisco] but cannot verify the fact" (Proc. California Acad. Sci. 4: 12, 1868).

Another possible clew to the skull's history may be contributed by the minutes of the stated meeting of the Academy of Natural Sciences of May 21, 1844, in which is reported the donation of "the head and beak of a Procellaria. From Mr. Samuel Grant, Jr., through Dr. Carson" (Proc. Acad. Nat. Sci. Philadelphia 2: 64, 1844).

Genus PHOEBETRIA Reichenbach

Diomedea fusca Audubon

Birds of America (folio) 4: pl. 407, 1838.

Phoebetria palpebrata auduboni Nichols and Murphy

Auk 31 (4) : 531, September 30, 1914.

=*Phoebetria palpebrata huttoni* Mathews. See Mathews and Hallstrom, Notes on the order Procellariiformes, p. 30, 1943.

2718. Adult (sex not indicated). "Near the mouth of the Columbia River" (*fide* Audubon, Ornithological biography 5: 116, 1839)=probably the central or southern Pacific Ocean (*see* Stone, Auk 47: 414, 1930; A.O.U., Checklist of North American birds, ed. 4, p. 366, 1931). Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Phoebetria palpebrata auduboni Nichols and Murphy is a new name for *Diomedea fusca* Audubon 1838 (not Hilsenberg 1822), with the same type specimen.

Family PROCELLARIIDAE: Shearwaters, Fulmars

Genus FULMARUS Stephens

Fulmarus Rodgersii Cassin

Proc. Acad. Nat. Sci. Philadelphia, p. 326 (not earlier than June 24), 1862.

=*Fulmarus glacialis rodgersii* Cassin. See Peters, Checklist of birds of the world 1: 47, 1931.

21304. Adult in light phase (sex not indicated). Northern Pacific Ocean (not South Indian Ocean). 1855 or 1856. Collected by William Stimpson? U.S. North Pacific Surveying and Exploring Expedition (1853–1856).

The oldest label (not original) has "Locality?," but Cassin himself in 1861 entered the locality into the museum register as "North Pacific."

Procellaria pacifica Audubon

Ornithological biography 5: 321 [=331], 1839.

Fulmarus glacialis glupischa Stejneger

Auk 1 (3) : 234, July 1884.

=*Fulmarus glacialis rodgersii* Cassin. See Stejneger, *loc. cit.*; A.O.U., Checklist of North American birds, ed. 4, p. 12 (footnote 2), 1931.

2750. Adult in light phase (sex not indicated). [Near the mouth of the Columbia River]? Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

2751. Adult in dark phase (sex not indicated). [Near the mouth of the Columbia River]? Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Audubon had but two cotypes, which he mistakenly believed to represent the adult and the immature.

Fulmarus glacialis glupischa Stejneger is a new name for *Procellaria pacifica* Audubon 1839 (not Gmelin 1788), with the same type specimens.

Genus PRIOCELLA Hombron and Jacquinot

Procellaria tenuirostris Audubon

Ornithological biography 5: 333, 1839.

=*Priocella antarctica* (Stephens). See Stone, Auk 47: 414, 1930; A.O.U., Checklist of North American birds, ed. 4, p. 367, 1931.

2032. Adult (sex not indicated). "Within a day's sail from the mouth of the Columbia River" (*fide* Audubon, *loc. cit.*)=probably the southern Pacific Ocean (*see* Stone, Auk 47: 414, 1930). Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Genus PUFFINUS Brisson

Puffinus creatopus "Cooper (MSS.)" Coues

Proc. Acad. Nat. Sci. Philadelphia, p. 131 (not earlier than April 25), 1864.

=*Puffinus creatopus* Coues. See Peters, Checklist of birds of the world 1: 54, 1931.

31964. Adult (sex not indicated). San Nicolas Island, Ventura County, California. July 1, 1863. Collected by James G. Cooper. Original number 1080. Received from the Geological Survey of California.

Puffinus knudseni Stejneger

Proc. U.S. Nat. Mus. 11: 93, Nov. 8, 1888.

=*Puffinus pacificus chlororhynchus* Lesson. See Murphy, Amer. Mus. Nov. 1512: 17, 1951.

113445. Adult (sex not indicated). Kauai Island, Hawaiian Islands, Oceania. Entered into the museum register on May 9, 1888. Collected by Valdemar Knudsen.

All data for this bird are derived from Stejneger's entry in the register. The original label, part of a sheet of lined tablet paper, bears simply the Hawaiian name "U-a-u Kane."

Nectric amaurosoma Coues

Proc. Acad. Nat. Sci. Philadelphia, p. 124 (not earlier than April 25), 1864.

=*Puffinus griseus* (Gmelin). See Coues, Key to North American birds, ed. 5, 2: 1038, 1903.

47214. Adult (sex not indicated). Cape San Lucas, State of Baja California, México. August 18, 1860. Collected by John Xántus. Original number 5513.

Xántus identified this bird in his field catalog as "Larus Heermannii, juvenis" and wrote "Landed half starved and half dead by the gale."

Puffinus (Nectris) nativitatis Streets

U.S. Nat. Mus. Bull. 7: 29, July 5, 1877.

=*Puffinus nativitatis* Streets. See Peters, Checklist of birds of the world 1: 57, 1931.

67318. Adult (sex not indicated). Christmas Island (lat. 1°57′ N., long. 157°27′ W.), Oceania. January 1874. Collected by Thomas H. Streets. U.S. North Pacific Surveying Expedition (1873–1875).

Puffinus opisthomelas Coues

Proc. Acad. Nat. Sci. Philadelphia, p. 139 (not earlier than April 25), 1864.

16990. Adult female. Cape San Lucas, State of Baja California, México. July 20, 1859. Collected by John Xántus. Original number 1355.

16991. Adult male. Cape San Lucas, State of Baja California, México. July 20, 1859. Collected by John Xántus. Original number 1354.

"Both were landed by a heavy gale—on the beach. They were alive yet, but very nearly dead" (Xántus MS.).

Nos. 16990 and 16991 were entered into the museum register on February 20, 1860. On June 6, 1867, Baird first entered the holotypes of *Nectris amaurosoma* and *Halocyptena microsoma* as Nos. 47214 and 47216, respectively, and began to reenter No. 16990 as No. 47215, until, noting his mistake, he crossed out what he had written. After No. 47215 he wrote the word "Type," which appears also in his hand on the label. Both specimens have, however, equal standing as cotypes.

Puffinus auricularis C. H. Townsend

Proc. U.S. Nat. Mus. 13: 133, September 9, 1890.

117540. Adult female. Clarion Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. March 4, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Puffinus lherminieri loyemilleri Wetmore

Proc. Biol. Soc. Washington 72(6): 19, April 22, 1959.

468691. Adult male. Tiger Rock, Tiger Cays, off Cape Valiente, Valiente Peninsula, Province of Bocas del Toro, Panamá. February 25, 1958. Collected by Alexander Wetmore. Original number 22182.

Puffinus subalaris "Townsend, MS." Ridgway

Proc. U.S. Nat. Mus. 19: 650, March 15, 1897.

=*Puffinus lherminieri subalaris* Ridgway. See Peters, Checklist of birds of the world 1: 59, 1931.

117472. Adult male. Dalrymple Rock, off Chatham Island, Galápagos Islands, eastern Pacific Ocean off Ecuador. April 6, 1888. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus PTERODROMA Bonaparte

Procellaria rostrata Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 296, "pl. LXXXII," 1848.

=*Pterodroma rostrata rostrata* (Peale). See Peters, Checklist of birds of the world 1: 62, 1931.

15705. Adult male. Tahiti Island (at elev. 6,000 feet), Society Islands, Oceania. Collected by James D. Dana. Original number 753. U.S. Exploring Expedition (1838–1842).

Procellaria parvirostris Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 298, "pl. LXXXIII," 1848.

=*Pterodroma alba* (Gmelin). See Loomis, Auk 37: 88, 1920.

15704. Adult male. Near Honden Island=near Pukapuka Island (lat. 14°56′ S., long. 138°48′ W.), Tuamotu Islands, Oceania. August 20, 1839. Original number 752. U.S. Exploring Expedition (1838–1842).

Procellaria gularis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 299, "pl. LXXXIV," 1848.

=*Pterodroma inexpectata* (J. R. Forster). See Loomis, Proc. California Acad. Sci. (4) 2: 105, 1918.

15706. Adult male. "Latitude 68° S., longitude 95° W. of Greenwich." March 21, 1839. Original number 754. U.S. Exploring Expedition (1838–1842).

Œstrelata fisheri Ridgway

Proc. U.S. Nat. Mus. 5: 656, May 9, 1883 (*nomen nudum*); and 5: 657, June 30, 1883 (diagnosis).

=*Pterodroma inexpectata* (J. R. Forster). See Loomis, Proc. California Acad. Sci. (4) 2: 106, 1918.

89431. Adult male. Saint Paul, Kodiak Island, Alaska. June 11, 1882. Collected by William J. Fisher. Original number 54.

The oldest label, a piece of cardboard, gives the type locality as Saint Paul, but this specimen and one other of the same shipment were entered into the museum register as from Shelikof Strait. It should be noted that all data on this label seem to be in Ridgway's handwriting.

Œstrelata kidderi Coues

Forest and Stream 5: 20, August 19, 1875; U.S. Nat. Mus. Bull. 2, p. 28, Dec. 7, 1875.

=*Pterodroma* ("*Lugensa*") *lugens* (Kuhl). See Mathews and Hallstrom, Notes on the order Procellariiformes, p. 9, 1943.

68970. Adult male. Kerguelen Island, Southern Ocean. October 22 (not 21), 1874. Collected by Jerome H. Kidder. Original number 39. American Transit-of-Venus Expedition (1874–1875).

This "n. sp." is really no more than a new name for *Proc*[*ellaria*]. *grisea* "L." Kuhl 1820 (not Gmelin 1789).

Œ[strelata]. sandwichensis Ridgway

in Baird, Brewer, and Ridgway, Water birds of North America 2 (Mem. Mus. Comp. Zool. 13): 395 (not earlier than July) 1884.

=*Pterodroma phaeopygia sandwichensis* (Ridgway). See Peters, Checklist of birds of the world 1: 65, 1931.

61259. Adult (sex not indicated). Kauai Island (*fide* Stejneger, Proc. U.S. Nat. Mus. 10: 75–77, 1887), Hawaiian Islands, Oceania. Entered into the museum register in January 1872. Collected by Valdemar Knudsen.

Procellaria brevipes Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 294, "pl. LXXX," 1848.

=*Pterodroma leucoptera brevipes* (Peale). See Peters, Checklist of birds of the world 1: 66, 1931.

15459, Adult (sex not indicated). Lat 68° S., long. 95° W. March 21, 1839. Original number 750. U.S. Exploring Expedition (1838–1842).

15520. Adult (sex not indicated). Same data as No. 15459.

Loomis (Proc. California Acad. Sci. (4) 2: 93, 1918) has referred to No. 15459 as "the type," but in fact the two specimens here listed have equal status as cotypes.

Genus PAGODROMA Bonaparte

Procellaria candida "Peale, MS." Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 295, "pl. LXXXI," 1848 (in synonymy of *Procellaria nivea*).

Pagodroma nivea pealei Mathews

Bull. Brit. Orn. Club 49: 19, October 30, 1928.

=*Pagodroma nivea* (J. R. Forster). See Peters, Checklist of birds of the world 1: 67, 1931.

15528. Adult (sex not indicated). "At latitude 64° S., and about 104° W. of Greenwich." Original number 751. U.S. Exploring Expedition (1838–1842).

15536. Adult (sex not indicated). Same data as No. 15528.

Peale stated that "a number of specimens were preserved"; Cassin's MS. list indicates that there were in fact four. No. 15524 was sent to the Boston Society of Natural History about 1863 and is now No. 75658 of the Museum of Comparative Zoology; No. 15532 is no longer in the National Museum and may have been given away, although no record of such a transaction has been preserved.

Pagodroma nivea pealei Mathews is a new name for *Procellaria candida* Peale, which, at its first appearance, was treated as an absolute synonym of *Procellaria nivea* J. R. Forster 1777, based upon a specimen taken at lat. 52° S., long. 20° E.

Genus BULWERIA Bonaparte

Procellaria columbina Barker-Webb, Berthelot, and Moquin-Tandon

Hist. Nat. des Îles Canaries 2 (2) Zool. (Orn.): pl. 4, fig. 2, July 1838.

=*Bulweria bulwerii* (Jardine and Selby). See Bannerman, Ibis (10) 2: 488–489, 1914.

32519. Adult (sex not indicated). Canary Islands, eastern Atlantic Ocean off northwestern Africa. Entered into the museum register on March 9, 1864. Collected by (or for) Philip Barker-Webb. Received from the Academy of Natural Sciences, Philadelphia.

The original label for this specimen has disappeared without trace; the modern label has data transcribed from the register in Riley's hand.

The number of cotypes is not now known. One in the British Museum, with identical data, was acquired from Edward Wilson, brother of Thomas B. Wilson, patron of the Academy of Natural Sciences; it is therefore probable that our specimen reached the Academy through the same agency. No example from the Canaries is now to be found there.

The name *Procellaria columbina* appears on plate 4 of livraison 31, which was published in July 1838; the name *Puffinus columbinus* is used in the text on page 44 of livraison 63, which did not come out until May 1842.

Family HYDROBATIDAE: Storm Petrels

Genus OCEANITES Keyserling and Blasius

Thalassidroma gracilis Elliot

Ibis (1) 1: 391, October 1859.

=*Oceanites gracilis gracilis* (Elliot). See Murphy, Oceanic birds of South America 2: 757, 1936.

370444. Adult male. Chile.

The specimen bears the green label of the Maison Verreaux; on the label's obverse side are the words "Thalassidroma Gracilis./D. G. Elliot.–/Chili ♂.," while on the reverse side appear the numbers "(4096) 33923."

This is traditionally Elliot's type; it has been in the collection for many years, although it was not entered into the museum register until January 7, 1942. It is of course improbable that the bird's true history can ever now be known.

Genus FREGETTA Bonaparte

Thalassidroma lineata Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 293, "pl. LXXIX," 1848.

=*Fregetta* ("*Pealea*") *lineata* (Peale). See Mathews and Hallstrom, Notes on the order Procellariiformes, p. 17, 1943.

15713. Adult male. Upolu Island, Samoan Islands, Oceania. Original number 747. U.S. Exploring Expedition (1838–1842).

Genus OCEANODROMA Reichenbach

Cymochorea cryptoleucura Ridgway

Proc. U.S. Nat. Mus. 4: 337, Apr. 6, 1882.

=*Oceanodroma castro cryptoleucura* (Ridgway). See Peters, Checklist of birds of the world 1: 73, 1931.

41949. Adult (sex not indicated). Waimea, Kauai Island, Hawaiian Islands, Oceania. Collected by Valdemar Knudsen.

41950. Adult (sex not indicated). Same data as No. 41949.

Neither skin carries an original label. The label of No. 41949 has the data in Ridgway's hand; that of 41950 has it in Stejneger's hand and on the reverse side the word "Type" written by Ridgway. Reference to the original description shows that the two have equal standing as cotypes.

Oceanodroma townsendi Ridgway

Proc. U. S. Nat. Mus. 16: 687, November 24, 1893.

=*Oceanodroma melania melania* (Bonaparte). See Salvin, Catalogue of the birds in the British Museum 25: 354, 1896.

13025. Adult male. Cape San Lucas, State of Baja California, México. June 1, 1859. Collected by John Xántus. Original number 672.

Oceanodroma socorroensis C. H. Townsend

Proc. U.S. Nat. Mus. 13: 134, September 9, 1890.

=*Oceanodroma monorhis socorroensis* C. H. Townsend. See Peters, Checklist of birds of the world 1: 74, 1931.

117497. Adult male. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. March 8, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Alfred W. Anthony, in a holograph letter to Charles W. Richmond (May 25, 1937) wrote: "Townsend's specimens were taken at sea, if I remember . . ."

Cymochorea homochroa Coues

Proc. Acad. Nat. Sci. Philadelphia, p. 77 (not earlier than March 29), 1864.

=*Oceanodroma homochroa* (Coues). See Grinnell, Univ. California Publ. Zool. 38: 262, 1932.

21444. Adult (sex not indicated). Farallon Islands, San Francisco County, California. Entered into the museum register on February 28, 1861. Collected by (or for) Ferdinand Gruber.

This specimen was entered into the register as from "S. Francisco," probably because of the association of that place with Gruber; the Farallones, however, are mentioned both on the label and at the original description.

Thalassidroma plumbea "Peale, MS." Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 292, "pl. LXXVIII," 1848 (in synonymy of *Thalassidroma furcata*).

Oceanodroma furcata plumbea Grinnell and Test

Condor 41 (4): 170, July 1939.

=*Oceanodroma furcata plumbea* Grinnell and Test. See Grinnell and Test, *loc. cit.*

15460. Adult (sex not indicated). Pacific Ocean, "in sight of the coast of Oregon"=Washington, off Cape Flattery (*cf.* Wilkes, Narrative of the U.S. Exploring Expedition 4: 316, 1845). April 29, 1840. U.S. Exploring Expedition (1838–1842).

15461. Adult (sex not indicated). Same data as No. 15460.

Peale wrote of "our specimens," and Pickering stated that "several" were taken, but the museum records show only two, and of these but one was seen by Cassin (according to his MS. list). Both of these skins were sent in 1881 to the Chicago Academy of Sciences, whence they were returned in 1919.

Peale's name, which at its first appearance was treated as an absolute synonym of *Procellaria furcata* Gmelin 1789, of which the type locality is the Bering Sea, was made valid by Grinnell and Test for a southern race, with No. 15461 as the only type.

Genus HALOCYPTENA Coues

Halocyptena microsoma Coues

Proc. Acad. Nat. Sci. Philadelphia, p. 79 (not earlier than March 29), 1864.

47216 (not 11420). Adult female. San José del Cabo, State of Baja California, México. May 1861. Collected by John Xántus. Original number "11420."

The number 11420 given at the original description is not the number of the museum register. It was written by Xántus himself on the original label and must represent his original number, but is evidently erroneous, since as late as October 10, 1861, his original numbers had only reached 5819. Inasmuch as the specimen had been laid aside and was not entered into the register until June 6, 1867, the label bore no number at the time of description (1864) except the one used by Coues.

Family PELECANOIDIDAE: Diving Petrels

Genus PELECANOIDES Lacépède

Pelecanoides urinatrix chathamensis Muurphy and Harper

Bull. Amer. Mus. Nat. Hist. 35: 65, April 1, 1916.

151112. Adult male. Chatham Island (lat. 43°49′ S., long. 176°40′ W.), Chatham Islands, Southern Ocean. February 1893. Purchased from S. Dannefaerd.

Order PELECANIFORMES: Tropic-birds, Pelicans, Frigate-birds

Family PELECANIDAE: Pelicans

Genus PELECANUS Linnaeus

Pelecanus occipitalis Ridgway

American Sportsman 4: 297, text-figs., August 8, 1874.

=*Pelecanus erythrorhynchos* Gmelin. See Ridgway, U.S. geological exploration of the 40th Parallel 3 (Orn.): 628, 1877.

53696 (=84752). Adult male. Pyramid Lake, Washoe County, Nevada. May 28, 1868. Collected by Robert Ridgway. Original number 766. U.S. Geological Exploration of the 40th Parallel.

No. 53696 left the museum and entered Ridgway's private collection as his No. 1934; at this time, in accordance with his custom, all older labels were removed and the data were transcribed onto one of his private labels (which is now its only label). The specimen was eventually returned to the museum and erroneously reentered into the register on July 21, 1881, as No. 84752.

The reverse side of the label bears in Ridgway's hand the words: "Type of *Pelecanus occipitalis,* Ridgw., *Am./Sportsman,* Aug. 8, 1874, p. 297. =Adult, after/casting the nuptial rest and the horny excres-/cence of the culmen!"

Pelecanus (fuscus?) californicus Ridgway

in Baird, Brewer, and Ridgway, Water Birds of North America 2 (Mem. Mus. Comp. Zool. 13): 132, 143 (not earlier than July), 1844.

=*Pelecanus occidentalis californicus* Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 315, 1932.

4526. Adult female. San Francisco, San Francisco County, California. November 1855. Collected by John S. Newberry. Pacific Railroad Survey, The Sacramento Valley to the Columbia River.

9958. Adult male. San Francisco Bay, California. March 25, 1858. Collected by Robert S. Williamson.

86384. Adult male. La Paz, State of Baja California, México. February 24, 1882. Collected by Lyman Belding.

No type was designated at the original description, but we know that Ridgway had five specimens from localities on the "Coast of California, from San Francisco Bay to Cape St. Lucas."

In addition to the three here listed, there was No. 9959, from San Diego, which was long ago sent to the University of Michigan; the fifth cannot now be traced, unless it is No. 90035, a head collected by Belding at San José in Baja California.

No. 86384 has been made the lectotype by Grinnell (*loc. cit.*), but all the specimens mentioned above are nevertheless cotypes.

Pelecanus occidentalis urinator Wetmore

Auk 62 (4): 582, Oct. 19, 1945.

376743. Adult male in nuptial plumage. Hood Island, southernmost of the Galápagos Islands, eastern Pacific Ocean off Ecuador. June 23, 1906. Collected by Edward W. Gifford. Original number 2953. Received from the California Academy of Sciences, where it was No. 2797.

Family SULIDAE: Boobies, Gannets

Genus SULA Brisson

Sula gossi "Ridgw. (MS.)" Goss

Auk 5 (3): 241, July 1888.

=*Sula nebouxii* Milne-Edwards. See Ridgway, Manual of North American birds, ed. 2, p. 584 (footnote 4), 1896.

113434. Adult male. San Pedro Mártir Island, Gulf of California ("a little north of latitude 28°, and not far from midway between shores"), México. March 24, 1888. Collected by Nathaniel S. Goss. Original number 2.

113435. Adult female. San Pedro Mártir Island, Gulf of California ("a little north of latitude 28°, and not far from midway between shores"), México. March 21, 1888. Collected by Nathaniel S. Goss.

Sula abbotti Ridgway

Proc. U.S. Nat. Mus. 16: 599, August 16, 1893 (advance sheet).

128761. Adult male. Assumption Island, (lat. 9°47′ S., long. 46°31′ E.), Aldabra Islands, western Indian Ocean north of Madagascar. September 18, 1892. Collected by William L. Abbott.

[Sula] elegans Bryant

Proc. Boston Soc. Nat. Hist. 7: 125 (not earlier than September) 1859.

=*Sula dactylatra dactylatra* Lesson. See Bangs, Bull, Mus. Comp. Zool. 70: 184, 1930.

11953. Adult (sex not indicated). Santo Domingo Key, "which lies thirty-three miles south of Great Ragged Island," Bahama Islands, eastern Atlantic Ocean off Florida. April 10, 1859. Collected by Henry Bryant.

Bangs (*loc. cit.*) has listed Nos. 42939, 42940, and 42941 in the Museum of Comparative Zoology as other cotypes.

Sula coryi Maynard

Ornithologist and Oologist 14: 40, March 1889 (from advance sheets of Contributions to Science).

=*Sula sula sula* (Linnaeus). See Bangs, Bull. Mus. Comp. Zool. 70: 185, 1930.

116847. Adult male. Little Cayman Island, Caribbean Sea. May 2, 1888. Collected by Charles J. Maynard.

116848. Subadult female. Same data as No. 116847.

116849. Subadult male. Same data as No. 116847.

116850. Immature male. Same data as No. 116847.

The four specimens here listed were obtained from Maynard by purchase and entered into the museum register on July 29, 1889. Bangs (*loc. cit.*) has listed four more cotypes in the collection of the Museum of Comparative Zoology.

Bangs cites as the original description Maynard's Contributions to Science 1: 40, "Apr." 1889. Richmond (MS.) states that "the Contrib. to Science were probably not issued before Sept. or Oct. & are noted among 'new publications' in the Orn. & Ool. for Oct. 1889." He suggests further that the date "March 4, 1889" on p. 40 of the Contributions to Science "may be the date of publ. of the O. & O. article!"

Sula rubripeda Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 274, "pl. LXXIII," 1848.

=*Sula sula rubripes* Gould. See Baird, Brewer, and Ridgway, Water birds of North America 2 (Mem. Mus. Comp. Zool. 13): 182, 1884; Mathews, Birds of Australia 4: 212–216, 1915.

15611. Adult male. Wake Island (lat. 19°15′ N., long. 166°30′ E.), Oceania. Original number 716. U.S. Exploring Expedition (1838–1842).

15612. Immature (sex not indicated). Honden Island=Pukapuka Island (lat. 14°56′ S., long. 138°48′ W.), Tuamotu Islands, Oceania. August 21, 1839. Original number 716. U.S. Exploring Expedition (1838–1842).

15619. Immature (sex not indicated). Same data as No. 15612.

15620. Subadult male. Same data as No. 15612.

15621. Immature male. Honden Island or Wake Island, Oceania. Original number 716. U.S. Exploring Expedition (1838–1842).

The number of specimens in the original series is uncertain. Peale described all stages of plumage from natal down to old-adult dress and made definite reference to two localities, Honden Island (August 21, 1839) and Enderby's Island (January), as places where the species was found breeding. Cassin, however, stated that "numerous" specimens from "various" localities were in the collection (his MS. list indicates that he had in fact five) and referred to several other places where the bird had been seen, if not collected, by Pickering.

The museum register has seven entries of specimens under this name. Of these, five are listed above; No. 15617, an immature male from Honden Island, August 21, 1839, is now No. 75688 of the Museum of Comparative Zoology; No. 15581 cannot now be found but is only doubtfully a *Sula*, for the original number 225, if correctly given, would indicate that the specimen was in truth an example of *Lamprotornis fusca* Peale.

Richmond's opinion (MS.) was that the type must be a white adult from either Honden Island or Enderby's Island. There is no good evidence that a specimen fulfilling these requirements was ever in the collection! Peale wrote of this bird as "the most common species of Booby, that occurs in the Pacific Ocean. It appears to be confined to the intertropical regions, but ranges from the shores of America to those of Asia." His references to Honden and Enderby's Islands are really brought forward only in relation to his observations on breeding; his statement that, at Honden, "we took as many as were wanted, in different stages of plumage" does not necessarily mean that a white adult was collected there, for "amongst many hundred pairs . . . we saw but about a dozen with the pure white plumage . . ."

In short, it appears that specimens were taken only on Honden and Wake Islands and, if we consider Peale's description of the immature plumages too cursory to warrant inclusion of the young among the cotypes, that we are probably justified in accepting as the type No. 15611 from Wake Island, the only specimen in full white plumage.

A mere fragment of the original label of No. 15611 remains; the sex is known only by the description of it by Baird, Brewer, and Ridgway (*loc. cit.*) as "Adult male, perfect plumage."

Sula brewsteri Goss

Auk 5 (3): 242, July 1888.

=*Sula leucogaster brewsteri* Goss. See Peters, Checklist of birds of the world 1: 85, 1931.

113436. Adult male. San Pedro Mártir Island, Gulf of California ("a little north of latitude 28°, and not far from midway between shores"), México. March 21, 1888. Collected by Nathaniel S. Goss.

113437. Adult female. Same data as No. 113436.

Family PHALACROCORACIDAE: Cormorants

Genus PHALACROCORAX Brisson

Phalacrocorax dilophus albociliatus Ridgway

Proc. Biol. Soc. Washington 2: 94, April 10, 1884.

=*Phalacrocorax auritus albociliatus* Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 263, 1932.

82432. Adult male in nuptial plumage. Cedros Island (lat. 28°10′ N.), in the eastern Pacific Ocean off the State of Baja California, México. Entered into the museum register on July 6, 1881. Collected by Lyman Belding.

Baird, Brewer, and Ridgway (Water birds of North America 2: 152, 1884) show that no less than 12 specimens from the "coast of California and Lower California" were available to Ridgway, but we cannot prove that all were in the national collection. It is still possible, however, to bring together six specimens of the original series of 1884; their proveniences are the Farallon Islands (2), Cedros Island (1), Cape San Lucas (2), and the Revilla Gigedo Islands (1). Of the six, but one, the bird from Cedros Island, bears fully developed nuptial plumes and thus really agrees with Ridgway's diagnosis.

The A.O.U. Checklist Committee in 1910 restricted the type locality to the Farallon Islands. Nos. 13733 and 17396 are from the Farallones and, so far as we now know, the only ones Ridgway had seen from there. While each shows just enough development of white filaments on head and neck to justify his having included them in his *albociliatus*, the plumes mentioned as principal character of the race are wholly absent, and it is therefore highly improbable that he would have selected either of them to represent the type.

It seems more than likely that the Committee's decision was based, not on the original specimens, but on the fact that the Farallones, most northern locality shown by the series, were first listed by Ridgway at his description.

It is now suggested that No. 82432, the only extant specimen of the original series bearing the nuptial plumes, and thus the only one to agree with the description, be considered the type, with a consequent alteration of the restricted type locality to Cedros Island.

Carbo Floridanus Audubon

Birds of America (folio) 3: pl. 252, 1835.

=*Phalacrocorax auritus floridanus* (Audubon). See A.O.U., Checklist of North American birds, ed. 4, p. 22, 1931.

2002. Adult in nonbreeding plumage (sex not indicated). Florida. Received from Spencer F. Baird, who acquired it from John J. Audubon.

This specimen, which entered the Baird Collection at the same time as the type of *Phalacrocorax resplendens* Audubon, is traditionally the type of Audubon's *Carbo Floridanus*, although the supposition can now be neither proved nor disproved.

The bird was sent to Wesleyan University at Middletown, Conn. in 1880, and was returned to the National Museum on October 15, 1946.

Carbo purpuragula Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 269, "pl. LXXII," 1848.

=*Phalacrocorax sulcirostris purpuragula* (Peale). See Peters, Checklist of birds of the world 1: 87, 1931.

15684. Adult male. Manua Bay=Manawaora Bay, Bay of Islands, North Island, New Zealand. Original number 706. U.S. Exploring Expedition (1838–1842).

Peale referred to "specimens," but Cassin's MS. list shows only one, and there is but a single entry for the species in the museum register.

Phalacrocorax townsendi Audubon

Birds of America (folio) 4: pl. 412, fig. 2, 1838.

=*Phalacrocorax penicillatus* (Brandt). See Baird, Brewer, and Ridgway, Water birds of North America 2 (Mem. Mus. Comp. Zool. 13): 158, 1884.

2742. Immature male. Cape Disappointment, at the mouth of the Columbia River, Pacific County, Washington. October 8, 1836. Collected by John K. Townsend. Original number 159. Received from Spencer F. Baird, who acquired it from John J. Audubon.

The description of this form was based by Audubon upon two specimens, the second of which was perhaps never in the national collection and is not now known to exist.

Townsend's original label, as well as Baird's private one, are preserved in an envelope attached to the bird's right tarsus.

[Phalacrocorax pelagicus.] robustus Ridgway

in Baird, Brewer, and Ridgway, Water birds of North America 2 (Mem. Mus. Comp. Zool. 13): 160, (not earlier than July) 1884.

=*Phalacrocorax pelagicus pelagicus* Pallas. See A.O.U., Checklist of North American birds, ed. 4, p. 400, 1931.

46474. Adult (sex not indicated). Sitka, Baranof Island, Alaska. November 1865. Collected by Ferdinand Bischoff. Original number 2.

46480. Adult female in nuptial plumage. Sitka, Baranof Island, Alaska. May 1866. Collected by Ferdinand Bischoff. Original number 2.

52514. Adult female. Kodiak Island, Alaska. June 20, 1868. Collected by Ferdinand Bischoff. Original number 18.

52516. Adult male in nuptial plumage. Kodiak Island, Alaska. June 16, 1868. Collected by Ferdinand Bischoff. Original number 18.

Ridgway in 1884 took the measurements of 11 specimens from "the coast of Alaska, from Norton Sound to Sitka." No type was designated, and the only specimens definitely referred to are those obtained by Bischoff at Sitka and Kodiak.

The museum had long before received from Bischoff no less than 18 examples from Kodiak and Sitka, only six of which were still in the collection in 1884. A seventh skin from Norton Sound had been collected by Pease; the others of the series must have formed part of Dall's collection.

Since Bischoff's specimens alone received definite mention at the original description, the types should logically come from among the six, of which three were collected at Kodiak, three at Sitka. Discarding one from each of these places as too immature to have permitted measurement, we may accept as cotypes the four listed above.

Two of the Sitka birds bear on the old museum label the red disk formerly used to indicate a type. No. 52514 from Kodiak has on the label in an unidentified hand "robustus Ridg. Type," and on this ground Richmond wrote "Type?" in the register after the number in question and later set the specimen aside as the type. However, an immature taken by Nelson at Kegiktowik, No. 78827, has on the label in the same hand "Type *juv.*," and it seems clear that these were selected simply as models for illustration or as typical specimens on which to base descriptions of plumage. The unknown writer is the person who entered into the museum register the collection of which No. 78827 formed part.

Phalacrocorax resplendens Audubon

Birds of America (folio) 4: pl. 412, fig. 1, 1838.

=*Phalacrocorax pelagicus resplendens* Audubon. See Peters, Checklist of birds of the world 1: 89, 1931.

2004. Adult (sex not indicated). Cape Disappointment, at the mouth of the Columbia River, Pacific County, Washington. October? 1836. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Carbo fucosus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 268, "pl. LXXII, fig. 2," 1848.

=*Phalacrocorax* ("*Hypoleucus*") *varius varius* (Gmelin). See Mathews, Systema avium australasianarum 1: 226, 1927.

15680. Adult (sex not indicated). Bay of Islands, North Island, New Zealand. Original number 708. U.S. Exploring Expedition (1838–1842).

Cassin, synonymizing *Carbo fucosus* Peale with *Carbo hypoleucus* Brandt (=*Hydrocorax fuscescens* Vieillot), referred to "several specimens," but his MS. list indicates that he had only one, and there is likewise but one entry for the species in the museum register. Unwittingly he had in fact other specimens in the collection, but they were immature and were placed by him under the separate heading of *Carbo leucogaster* (Gould), which is nowadays also considered a synonym of *Phalacrocorax fuscescens* (Vieillot).

[Phalacrocorax atriceps] bransfieldensis "Bennett" Murphy

Oceanic birds of South America 2: 889, 1936.

=*Phalacrocorax atriceps bransfieldensis* Murphy. See Friedmann, Proc. Amer. Philos. Soc. 89: 309–310, 1945.

264141. Adult (female?). Wilhelmina Bay (lat. 64°30′ S., long. 62° W.), West Antarctica. January 27, 1922. Collected by Arthur G. Bennett. Original number 688.

264142. Adult male. Wilhelmina Bay (lat. 64°30′ S., long. 62° W.), West Antarctica. January 27, 1922. Collected by Arthur G. Bennett. Original number 689.

Carbo flavagula Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 270, "pl. LXXII, fig. 3," 1848.

=*Phalacrocorax* ("*Microcarbo*") *melanoleucos brevirostris* Gould. See Mathews, Systema avium australasianarum 1: 228, 1927.

15688. Immature (sex not indicated). Bay of Islands, North Island, New Zealand. Original number 707. U.S. Exploring Expedition (1838–1842).

Peale referred to "specimens," but Cassin's MS. list shows only one, and there is but a single entry for the species in the museum register.

Family ANHINGIDAE: Darters

Genus ANHINGA Brisson

Anhinga anhinga minima van Rossem

Ann. Mag. Nat. Hist. (11) 4: 439, October 1939.

157356. Adult male. Acaponeta, State of Nayarit, México. June 24, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4548. Received from the U.S. Fish and Wildlife Service.

Order CICONIIFORMES: Herons, Storks, Ibises

Family ARDEIDAE: Herons, Bitterns

Genus ARDEA Linnaeus

Ardea cinerea jouyi Clark

Proc. U.S. Nat. Mus. 32: 468, June 15, 1907.

=*Ardea cinerea rectirostris* Gould. See Stuart Baker, Fauna of British India, Birds, ed. 2, 6: 340, 1929.

114429. Adult male. Seoul, Korea. July 4, 1883. Collected by Pierre L. Jouy. Original number 1123.

Ardea herodias hyperonca Oberholser

Proc. U.S. Nat. Mus. 43: 550, December 12, 1912.

98486. Adult male. Baird, Shasta County, California. March 3, 1884. Collected by Charles H. Townsend. Original number 580.

Ardea herodias oligista Oberholser

Proc. U. S. Nat. Mus. 43: 553, December 12, 1912.

=*Ardea herodias hyperonca* Oberholser. See Grinnell, Univ. California Publ. Zool. 38: 264, 1932.

135573. Immature male. San Clemente Island, Los Angeles County, California. August 26, 1894. Collected by Edgar A. Mearns. Original number 11362. Mexican–United States International Boundary Commission.

Ardea herodias treganzai Court

Auk 25 (3): 291, July 1908.

208756. Adult male. Egg Island, Great Salt Lake, Davis County, Utah. April 10, 1907. Collected by Alberto O. Treganza.

Ardea wardi Ridgway

Bull. Nuttall Orn. Club 7(1) : 5, January 1882.

=*Ardea herodias wardi* Ridgway. See Peters, Checklist of birds of the world 1: 100, 1931.

82329. Adult male. Oyster Bay=Estero Bay, Lee County, Florida. March 1881. Collected by Charles W. Ward.

Ardea herodias adoxa Oberholser

Proc. U.S. Nat. Mus. 43: 544, December 12, 1912.

97914. Adult female? (sex not indicated). Curaçao Island, in the Caribbean Sea off Venezuela. February 8–10 (not 10–18), 1884. Received from the U.S. Fish Commission.

Ardea würdemannii Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xlv, 669, 1858.

=*Ardea herodias wardi* Ridgway × *Ardea occidentalis occidentalis* Audubon. See Holt, Sci. Publ. Cleveland Mus. Nat. Hist. 1: 32, 1928.

8690. Adult male. South Florida. Collected by Gustavus Würdemann.

The original series consisted of three Würdemann-taken specimens. No. 9479, an immature from "Florida," was long ago destroyed. No. 6539, collected at Indian Key, Florida, on March 21, 1857, was destroyed as a skin, but the skull and the bones of legs and wings have been preserved as No. 9969 of the osteological collection.

Ardea occidentalis Audubon

Birds of America (folio) 3: pl. 281, 1835; Ornithological biography 3: 542, 1835.

=*Ardea occidentalis occidentalis* Audubon. See Peters, Checklist of birds of the world 1: 100, 1931.

1985. Immature (sex not indicated). Keys near Key West, Monroe County, Florida. April or May 1832. Received from Spencer F. Baird, who acquired it from John J. Audubon.

It is not now known which of the two citations for this name saw earlier publication. If the former, the type specimen must be the first bird shot by Audubon himself and used as model for his plate; if the latter, there must have been 15 or more cotypes. Assuming that the second hypothesis is correct, the specimen here listed is certainly one of the cotypes; it also is quite possibly the one figured in Birds of America. It should be noted that Richmond, who, whenever possible, ignored cotypes, left a MS. note saying: "See N.M. #1985, as probable type," but gave no explanation of his decision.

Genus BUTORIDES Blyth

Ardea virescens anthonyi Mearns

Auk 12 (3): 257, July 1895.

=*Butorides virescens anthonyi* (Mearns). See Peters, Checklist of birds of the world 1: 103, 1931.

135576. Adult male. Seven Wells, Salton River, State of Baja California, México, near Monument No. 213 of the Mexican-United States Boundary Line (5 miles south of the U.S. boundary and 24 miles west of the Colorado River, *fide* Grinnell, Univ. California Publ. Zool. 32: 31, 1928). April 12, 1894. Collected by Edgar A. Mearns. Original number 10529. Mexican-United States International Boundary Commission.

Butorides virescens eremonomus Oberholser

Proc. U.S. Nat. Mus. 42: 546, August 29, 1912.

=*Butorides virescens anthonyi* (Mearns). See Peters, Checklist of birds of the world 1: 103, 1931.

124540. Adult male. San Diego, State of Chihuahua, México. June 11, 1891. Collected by Frank Robinette.

Butorides saturatus Ridgway

Proc. U.S. Nat. Mus. 10: 577, August 6, 1888.

=*Butorides virescens virescens* (Linnaeus). See Wetmore, *in* Fisher and Wetmore, Proc. U.S. Nat. Mus. 79: 4, 1931.

111281. Adult (sex not indicated). Swan Island (lat. 17°30′ N., long. 84° W.), Caribbean Sea. March 6, 1887. Collected by Charles H. Townsend. Original number 1818.

Butorides virescens hypernotius Oberholser

Proc. U.S. Nat. Mus. 42: 549, August 29, 1912.

=*Butorides virescens virescens* (Linnaeus), *fide* Wetmore (MS.).

206342. Adult male. Río Indio, near Gatún, Panamá Canal Zone. February 16, 1911. Collected by Edward A. Goldman. Original number 13736. Received from the U.S. Fish and Wildlife Service.

Ardea bahamensis Brewster

Auk 5(1): 83, January 1888.

=*Butorides virescens bahamensis* (Brewster). See Peters, Checklist of birds of the world 1: 103, 1931.

108645. Subadult (sex not indicated). Abaco Island, Bahama Islands, eastern Atlantic Ocean off Florida. April 3, 1886. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

108814. Adult female. Rum Cay, Bahama Islands, eastern Atlantic Ocean off Florida. March 2, 1886. Collected by "W." Received from the U.S. Fish Commission.

108819. Adult male. Watling Island (San Salvador Island), Bahama Islands, eastern Atlantic Ocean off Florida. March 8, 1886. Received from the U.S. Fish Commission.

Butorides virescens cubanus Oberholser

Proc. U.S. Nat. Mus. 42: 557, August 29, 1912.

=*Butorides virescens maculatus* (Boddaert). See Peters, Checklist of birds of the world 1: 103, 1931.

177847. Adult male. Palmarito, Province of Oriente, Cuba. February 16, 1902. Collected by William Palmer.

Butorides virescens christophorensis Oberholser

Proc. U.S. Nat. Mus. 42: 561, August 29, 1912.

=*Butorides virescens maculatus* (Boddaert). See Peters, Checklist of birds of the world 1: 103, 1931.

80921. Adult male. Saint Kitts Island (Saint Christopher Island), Leeward Islands, Caribbean Sea. Entered into the museum register on October 23, 1880. Collected by Frederick A. Ober. Original number 221.

Butorides virescens lucianus Oberholser

Proc. U.S. Nat. Mus. 42: 565, August 29, 1912.

=*Butorides virescens maculatus* (Boddaert). See Peters, Checklist of birds of the world 1: 103, 1931.

115883. Adult male. Port Castries, Saint Lucia Island, Windward Islands, Caribbean Sea. December 1, 1888. Collected by Henry E. Parmenter. Received from the U.S. Fish Commission.

Butorides virescens grenadensis Oberholser
Proc. U.S. Nat. Mus. 42: 568, August 29, 1912.
=*Butorides virescens maculatus* (Boddaert). See Peters, Checklist of birds of the world 1: 103–104, 1931.
74147. Adult male. Grenada Island, Windward Islands, Caribbean Sea. March 1878. Collected by Frederick A. Ober. Original number 505.

Butorides virescens mesatus Oberholser
Proc. U.S. Nat. Mus. 42: 548, August 29, 1912.
=*Butorides virescens maculatus* (Boddaert). See Dickey and van Rossem, Publ. Field Mus. Nat. Hist. (zool. ser.) 23: 76–78, 1938.
151366. Adult female. Managua, Department of Managua, Nicaragua. Entered into the museum register on November 21, 1895. Collected by Charles E. Kern.

Butorides virescens margaritophilus Oberholser
Proc. U.S. Nat. Mus. 42: 553, August 29, 1912.
200442. Adult male. San Miguel Island, Pearl Islands, Bay of Panamá, Panamá. March 13, 1904. Collected by Wilmot W. Brown, Jr. Received from John E. Thayer.

Butorides robinsoni Richmond
in Robinson and Richmond, Proc. U.S. Nat. Mus. 18: 655, August 12, 1896.
=*Butorides striatus robinsoni* Richmond. See Peters, Checklist of birds of the world 1: 104, 1931.
151635. Adult male. Margarita Island, in the Caribbean Sea off Venezuela. July 7, 1895. Collected by Wirt Robinson. Original number 446.

Butorides javanicus actophilus Oberholser
Smithsonian Misc. Coll. 60 (7) : 1, October 26, 1912.
=*Butorides striatus actophilus* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 319, 1944.
180100. Adult female. North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. January 4, 1903. Collected by William L. Abbott.

Butorides javanicus icastopterus Oberholser
Smithsonian Misc. Coll. 60 (7) : 1, October 26, 1912.
=*Butorides striatus actophilus* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 319, 1944.
179009. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 10, 1901. Collected by William L. Abbott.

Butorides javanicus abbotti Oberholser
U.S. Nat. Mus. Bull. 159: 14, 1932.
=*Butorides striatus abbotti* Oberholser. See Mayr, Emu 43: 11, 1943.
172899. Adult male. Pulau Langkawi, Langkawi Islands, in the Strait of Malacca off the Malay State of Kedah. December 4, 1899. Collected by William L. Abbott.

Butorides javanicus carcinophonus Oberholser

Journ. Washington Acad. Sci. 14: 294, July 19, 1924.

=*Butorides striatus carcinophonus* Oberholser. See Mayr, Emu 43: 11, 1943.

182229. Adult female. Pulau Alanga, a reef off Maratua Island, in the Celebes Sea off Borneo. May 12, 1913. Collected by Harry C. Raven. Original number 660.

Butorides javanicus carcinophilus Oberholser

Journ. Washington Acad. Sci. 14: 294, July 19, 1924.

=*Butorides striatus carcinophilus* Oberholser. See Mayr, Emu 43: 11–12, 1943.

201671. Adult female. Casiguran, Príncipe Province, Luzón Island, Philippine Islands. June 1, 1907. Collected by Edgar A. Mearns. Original number 15261.

Ardea patruelis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 216, "pl. LXI, fig. 1," 1848.

=*Butorides striatus patruelis* (Peale). See Hartert, Die Vögel der paläarktischen Fauna 2: 1251, 1920.

15303. Adult male. Tahiti Island, Society Islands, Oceania. Original number 594. U.S. Exploring Expedition (1838–1842).

15304. Immature (sex not indicated). Same data as No. 15303.

The exact number of specimens available to Peale is now unknown. Cassin's MS. list indicates that he had but two, and agrees with the entries for the species in the museum register.

No. 15303 was sent in 1881 to the Chicago Academy of Sciences, but was returned to the National Museum in 1919.

Genus CASMERODIUS Gloger

Herodias egretta, var. **californica** Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xlv, 667, 1858.

=*Casmerodius albus egretta* (Gmelin). See Grinnell, Univ. California Publ. Zool. 38: 264, 1932.

4610. Adult in nonbreeding plumage (sex not indicated). San Diego, San Diego County, California. Entered into the museum register on February 15, 1856. Collected by Arthur C. V. Schott. Received from the U.S. Boundary Commission.

9470. Adult in nonbreeding plumage (sex not indicated). San Diego, San Diego County, California. 1855? Collected by Andrew Cassidy.

Baird listed four specimens of his new form, of which one came doubtfully from Texas, a second simply from "California," and the remaining two from San Diego.

Grinnell (*loc. cit.*) considered No. 9470 the type, and it must be admitted that, while the description equally fits Nos. 9470 and 4610, the measurements cited fit only No. 9470. However, since in the work quoted the authors did not consistently take their measurements from the specimen used for description of plumage, but rather from whatever bird was largest or most conveniently measurable, both skins are here listed as cotypes.

Egretta intermedia palleuca Deignan

Proc. Biol. Soc. Washington 60: 97, August 22, 1947.

336202. Adult male (in breeding plumage). Muang Chiang Rai (lat. 19°55′ N., long. 99°50′ E.), Chiang Rai Province, northern Siam. January 27, 1937. Collected by Herbert G. Deignan. Original number 2205.

Genus DEMIGRETTA Blyth

Demiegretta ringeri Stejneger

Proc. U.S. Nat. Mus. 10: 300, August 3, 1887.

=*Demigretta sacra sacra* (Gmelin). See Hartert, Die Vögel der paläarktischen Fauna 2: 1241, 1242, 1920; Mayr, Amer. Mus. Nov. 1144: 3, 1941.

21241. Adult in dark phase (sex not indicated). Liu Kiu [Okinawa] Island, Liu Kiu [Ryukyu] Islands, East China Sea. December 1854. Collected by William Stimpson. Original number 168. U.S. North Pacific Surveying and Exploring Expedition (1853–1856).

Genus SYRIGMA Ridgway

Syrigma sibilatrix fostersmithi Friedmann

Smithsonian Misc. Coll. 111 (9) : 1, July 21, 1949.

406385. Adult male. Caicara, State of Monagas, Venezuela. July 24, 1948. Collected by Foster D. Smith, Jr. Original number 143.

Genus NYCTANASSA Stejneger

Nyctanassa violacea caliginis Wetmore

Proc. Biol. Soc. Washington 59: 49, March 11, 1946.

376007. Adult male. San José Island, Pearl Islands, Bay of Panamá, Panamá. February 20, 1944. Collected by Alexander Wetmore and Joseph P. E. Morrison. Original number 11998.

Genus TIGRISOMA Swainson

Tigrisoma excellens Ridgway

Proc. U.S. Nat. Mus. 10: 595, September 19, 1888.

=*Tigrisoma lineatum lineatum* (Boddaert). See Todd, Ann. Carnegie Mus. 14: 137, 1922.

112256. Adult (sex not indicated). Río Segovia, "Honduras" (the south bank is Nicaragua, and the north bank, except at the mouth, is contested by Nicaragua and Honduras). August 13, 1887. Collected by Charles H. Townsend. Original number 2088.

Genus IXOBRYCHUS Billberg

Ardetta luteola Stejneger

Proc. U.S. Nat. Mus. 10: 290, August 3, 1887.

=*Ixobrychus sinensis sinensis* (Gmelin). See Orn. Soc. Japan, Hand-list of the Japanese birds, ed. 3, rev., p. 119, 1942.

95972. Adult female. Wakayama, Wakayama Prefecture, Honshu Island, Japan. Entered into the museum register on March 20, 1884. Collected by Ota (a taxidermist of Tokyo), for Thomas W. Blakiston. Original number 2704.

Ixobrychus sinensis astrologus Wetmore

Proc. Biol. Soc. Washington 31: 83, June 29, 1918.

=*Ixobrychus sinensis sinensis* (Gmelin). See Hachisuka, Birds of the Philippines 1: 365, 1932.

254201. Adult male. Paete, Laguna Province, Luzón Island, Philippine Islands. July 26, 1915. Collected by Richard C. McGregor and Andrés Celestino. Original number 7679.

Ixobrychus sinensis moorei Wetmore

in Townsend and Wetmore, Bull. Mus. Comp. Zool. 63: 173, August 1919.

212171. Adult male. Uola Island, Truk Group, Middle Caroline Islands, Oceania. February 16, 1900. Collected by Henry F. Moore. Received from the U.S. Fish Commission.

Family COCHLEARIIDAE: Boat-billed Herons

Genus COCHLEARIUS Brisson

Cancroma zeledoni Ridgway

Proc. U.S. Nat. Mus. 8: 93, June 19, 1885 (advance sheet).

=*Cochlearius cochlearius zeledoni* (Ridgway). See Peters, Checklist of birds of the world 1: 125, 1931.

51388. Adult (sex not indicated). Mazatlán, State of Sinaloa, México. February 1868. Collected by Ferdinand Bischoff. Original number 10.

Family THRESKIORNITHIDAE: Ibises, Spoonbills

Genus THRESKIORNIS G. R. Gray

Ibis abbotti Ridgway

Proc. U.S. Nat. Mus. 16: 599, August 16, 1893 (advance sheet).

=*Threskiornis aethiopica abbotti* (Ridgway). See Peters, Checklist of birds of the world 1: 131, 1931.

128812. Adult female. Aldabra Island, Aldabra Islands, western Indian Ocean north of Madagascar. October 8, 1892. Collected by William L. Abbott.

Genus PLEGADIS Kaup

I[bis]. thalassinus Ridgway

American Naturalist 8: 110, February 1874.

=*Plegadis guarauna* (Linnaeus). See Baird, Brewer, and Ridgway, Water birds of North America 1 (Mem. Mus. Comp. Zool. 12) : 98, 1884.

53670 (=84604). Immature male. Oreana, on the Humboldt River, Pershing County, Nevada. September 3, 1867. Collected by Robert Ridgway. Original number 159. U.S. Geological Exploration of the 40th Parallel.

53671. Immature female. Camp No. 17, Humboldt Valley=Oreana, on the Humboldt River, Pershing County, Nevada (*fide* Ridgway, *loc. cit.*, footnote). September 3, 1867. Collected by Robert Ridgway. Original number 160. U.S. Geological Exploration of the 40th Parallel.

The third cotype, No. 53672, a female, was destroyed in October 1881.

No. 53670 left the museum and entered Ridgway's private collection as his No. 170; at this time, in accordance with his custom, all older labels were removed and the data were transcribed onto one of his private labels (which is now its only label). The specimen was eventually returned to the museum and erroneously reentered into the register on July 18, 1881, as No. 84604.

Falcinellus Ridgwayi J. A. Allen

Bull. Mus. Comp. Zool. 3: 355, July 1876.

=*Plegadis ridgwayi* (J. A. Allen). See Bangs, Bull. Mus. Comp. Zool. 70: 179, 1930.

71273. Adult (sex not indicated). Conima, on Lake Titicaca, Department of Puno, Perú. January 26, 1875. Collected by Samuel W. Garman. Received from the Museum of Comparative Zoology (where it was No. 24337).

71724. Immature (sex not indicated). Vilque Chico, on Lake Titicaca, Department of Puno, Perú. January 23, 1875. Collected by Samuel W. Garman. Received from the Museum of Comparative Zoology (where it was No. 24338).

84605. Adult (sex not indicated). Conima, on Lake Titicaca, Department of Puno, Perú. January 25, 1875. Collected by Samuel W. Garman. Received from Robert Ridgway, who acquired it from the Museum of Comparative Zoology (where it was No. 24346).

Bangs (*op. cit.*, p. 180) stated that this form was based upon 13 cotypes, of which he could account for but ten in 1930. The three here listed are, of course, the missing specimens.

No. 84605 carries only Ridgway's private label, on which the date appears as January 26, 1875; J. L. Peters has informed me (*in epist.*) that the bird was in fact taken on January 25.

Order ANSERIFORMES: Ducks, Geese, Swans

Family ANATIDAE: Ducks, Geese, Swans

Genus CHEN Boie

Anser albatus Cassin

Proc. Acad. Nat. Sci. Philadelphia 8: 41 (not earlier than February 26), 1856.

=*Chen hyperborea* (Pallas). See Baird, Brewer, and Ridgway, Water birds of North America 1 (Mem. Mus. Comp. Zool. 12): 439, 1884.

10403. Adult (sex not indicated). Oregon. Original number 661. U.S. Exploring Expedition (1838–1842).

Cassin based his new form on USNM 10403 and four others bought in the Philadelphia market; the five are cotypes, but Stone (Proc. Acad. Nat. Sci. Philadelphia, p. 28, 1899) claims ANS 6045 as the type. If one specimen has a claim above that of the others to be considered the type, the bird here listed may well be the one. While Cassin (U.S. Exploring Expedition 8: 333, 1858) says of the species "first described by us from specimens obtained on the coast of New Jersey," he states further that No. 10403 "appears to be . . . a male in nearly adult plumage," and the measurements of our bird agree exactly with those given for the male at Cassin's original description.

Anser Rossii "Baird" Cassin

Proc. Acad. Nat. Sci. Philadelphia, p. 73 (not earlier than Mar. 26), 1861.

=*Chen rossii* (Cassin). See Peters, Checklist of birds of the world 1: 146, 1931.

20131. Adult female. Fort Resolution, on Great Slave Lake at the mouth of the Great Slave River, District of Mackenzie, Northwest Territories, Canada. May 29, 1860. Collected by Robert W. Kennicott. Original number 571.

In the original sending were "head, wings, tail & legs, & also one nearly perfect skin" (*fide* Richmond MS.). The odd parts were entered into the register as Nos. 20132–20135 and have all long since been distributed or destroyed. The skin, No. 20131, was sent to the Chicago Academy of Sciences on January 28, 1881, and was returned to the U.S. National Museum in 1919. Its original label has been lost, but the old Smithsonian exhibition label still exists, as does a data-bearing fragment (now attached to the right tarsus) of the wooden stand upon which the bird was mounted. These show that the specimen for many years masqueraded under the number "20130" and was supposed to have come from "Ft. Resolution, Salt Lake."

Genus BRANTA Scopoli

Bernicla occidentalis Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 766, 1858.

=*Branta canadensis occidentalis* (Baird). See Peters, Checklist of birds of the world 1: 150, 1931.

5994. Adult (sex not indicated). Port Townsend, Jefferson County, Washington. 1857. Collected by George Suckley.

Branta canadensis moffitti Aldrich

Wilson Bull. 58 (2) : 96, June 1946.

365117. Adult male. Blue Lake (on the Lake Lenore Migratory Bird Refuge), near Coulee City, Grant County, Washington. April 26, 1938. Received from the U.S. Fish and Wildlife Service, which obtained it from V. Clifford, who acquired it from U.S. Game Management Agent R. S. Bach (who in turn had seized the bird from an outlaw hunter).

Bernicla Barnstonii "?(Ross)" Ross

Canadian Nat. and Geol. 7: 152, April 1862.

=*Branta canadensis parvipes* (Cassin), *fide* Aldrich MS.

20116. Adult male. Fort Simpson, at the confluence of the Mackenzie and Liard Rivers, District of Mackenzie, Northwest Territories, Canada. May 13, 1860. Collected by Bernard R. Ross. Original number 313.

Although this form was not described until April 1862, the name had earlier appeared, in print (*loc. cit.* 6: 441, Dec. 1861) and in a letter to Baird written on June 20, 1860. It was used again when, under the date November 10, 1860, Ross wrote Baird that he had sent a skin of the new bird to Washington.

Branta hutchinsii asiatica Aldrich

Wilson Bull. 58(2) : 95, June 1946.

92827. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. June 9, 1883. Collected by Leonhard H. Stejneger. Original number 2165.

[Branta] minima Ridgway

Proc. U.S. Nat. Mus. 8: 22, May 6, 1885.

=*Branta hutchinsii minima* Ridgway. See Aldrich, Wilson Bull. 58 (2) : 95, June 1946.

76039. Adult female. Saint Michael (on the southern shore of Norton Sound), western Alaska. September 10, 1877. Collected by Edward W. Nelson. Original number 487.

96984. Adult female. Saint Michael, western Alaska. June 7, 1881. Collected by Edward W. Nelson. Original number 1952.

Ridgway established this form upon a series of unknown length, from which he deduced its range as "Pacific coast of North America, breeding abundantly about the Yukon delta and contiguous shores of Norton Sound, and migrating south in winter to California"; no specimen was given greater claim to typeship than another. A manuscript note by Charles W. Richmond reads: "R.R. says type is from St. Michaels, Alaska, one of Nelson's skins"; Ridgway's verbal statement no doubt led the A.O.U. Committee on Classification and Nomenclature to restrict the type locality to Saint Michael.

Aldrich (*loc. cit.*) found only four Saint Michael speciments of *B. h. minima* (*in sensu stricto*) in the collection in 1946, of which one is a downy young and another was taken by Lucien McS. Turner. Since the two adults listed above are the only surviving ones collected by Nelson at Saint Michael, they alone are here treated as cotypes, although in fact Turner's skin and others shot by Nelson at Kotlik should probably be considered equivalent.

Genus NESOCHEN Salvadori

Anser hauaïënsis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 249, "pl. LXIX," 1848.

=*Nesochen sandvicensis* (Vigors). See Peters, Checklist of birds of the world 1: 151, 1931.

15644. Adult (sex not indicated). Mountains of Hawaii Island, Hawaiian Islands, Oceania. Original number 663. U.S. Exploring Expedition (1838–1842).

Cassin's MS. list indicates that he saw but one specimen, and there is only one entry for the species in the museum register.

Genus DENDROCYGNA Swainson

Dendrocygna bicolor helva Wetmore and Peters

Proc. Biol. Soc. Washington 35: 42, March 20, 1922.

135588. Adult male. "Unlucky Lake, San Diego County," California= "a shallow overflow (not now in existence) from New River, in Imperial County about two miles north of the Mexican boundary at Monument No. 221" (*fide* Grinnell, Univ. California Publ. Zool. 38: 265, 1932). April 30, 1894. Collected by Edgar A. Mearns. Original number 10730. Mexican-United States International Boundary Commission.

Dendrocygna autumnalis fulgens Friedmann

Condor 49 (5): 190, Sept. 12, 1947.

112429. Adult male. Lomita Ranch, Hidalgo County, Texas. July 31, 1880. Collected by, or for, George B. Sennett. Original number 271.

Dendrocygna autumnalis lucida Friedmann

Condor 49 (5): 191, Sept. 12, 1947.

359576. Adult male. Tres Zapotes, State of Veracruz, México. May 2, 1940. Purchased from natives by Melbourne A. Carriker, Jr. Original number 818.

Genus ANAS Linnaeus

Anas aberti "(Ridg., MS.)" Ridgway

Proc. U.S. Nat. Mus. 1: 250, between December 24, 1878, and February 5, 1879.

=*Anas wyvilliana* Sclater. See Phillips, Auk 29: 305, 1912.

12789. Adult female. Mazatlán, State of Sinaloa, México. Collected by John J. Abert.

This specimen was entered into the museum register on July 23, 1859, but it had formerly been part of the collection of the National Institute of Science, an organization of which Col. Abert had been one of the founders. No record has been found of the date of collection of his Mazatlán material.

Anas superciliosa percna Riley

Proc. Biol. Soc. Washington 32: 93, May 20, 1919.

=*Anas superciliosa rogersi* Mathews. See Amadon, Amer. Mus. Nov. No. 1237: 3, 1943.

250631. Adult male. Kulawi, on the Palu River above Palu, at the western base of the northern peninsula, Celebes. February 3, 1917. Collected by Harry C. Raven. Original number 3506.

Anas obscura, var. fulvigula Ridgway

American Naturalist 8: 111, February 1874.

=*Anas fulvigula fulvigula* Ridgway. See Peters, Checklist of birds of the world 1: 161, 1931.

84710. Adult male. "Dummitt's" (not St. Johns River), the collector's camp on the Indian River "just north of the Haulover Canal and about a mile and a half from the famous Dummitt's Grove on Mosquito Lagoon," Brevard County, Florida (see Howell, Florida Bird Life, p. 15, 1932). "March" 1872. Collected by Charles J. Maynard. Original number 7241. Received from Robert Ridgway, in whose collection it was No. 1748.

The oldest label is Ridgway's; it gives the place of collection as "Dummits" and the date as "Mar. 1872." The latter is probably an erroneous copying of *May* 1872, for Maynard (*fide* Howell, who obtained his information from Maynard) spent only April and May of 1872 at Dummitt's Grove.

Anas discors orphna Stewart and Aldrich

Proc. Biol. Soc. Washington 69 (4): 31, May 21, 1956.

463091 (not 458061). Adult male. Elliott, Dorchester County, Maryland. June 9, 1954. Collected by Robert E. Stewart and William R. Nicholson. Received from the U.S. Fish and Wildlife Service.

Querquedula orinomus [*sic*] Oberholser

Proc. Biol. Soc. Washington 19 (21): 93, June 4, 1906.

=*Anas cyanoptera orinoma* (Oberholser). See Peters, Checklist of birds of the world 1: 162, 1931.

150110. Adult male. "Puna"=Puno, on the western shore of Lake Titicaca (elev. 12,550 feet), Department of Puno, Perú. Entered into the museum register on April 29, 1895. Collected by A. J. Norris.

Anas crecca nimia Friedmann

Proc. Biol. Soc. Washington 61(24): 157, September 3, 1948.

366381. Adult male. Kiska Island, Aleutian Islands, Alaska. June 4, 1937. Collected by Olaus J. Murie. Original number 3664. Received from the U.S. Fish and Wildlife Service.

Pœcilonetta galapagensis Ridgway

Proc. U.S. Nat. Mus. 12: 115, "1889"=February 5, 1890.

=*Anas galapagensis* (Ridgway). See Peters, Checklist of birds of the world 1: 167, 1931.

115931. Adult male. Charles Island, Galápagos Islands, eastern Pacific Ocean off Ecuador. April 8, 1888. Received from the U.S. Fish Commission.

Genus CHAULELASMUS Bonaparte

Chaulelasmus couesi Streets

Bull. Nuttall Orn. Club 1 (2): 46, July 1876.

67324. Subadult female. Washington Island (lat. 4°42′ N., long. 160°16′ W.), Oceania. January 1874. Collected by Thomas H. Streets. U.S. North Pacific Surveying Expedition (1873–1875).

67325. Subadult male. Washington Island (lat. 4°42′ N., long. 160°16′ W.), Oceania. January 1874. Collected by Thomas H. Streets. U.S. North Pacific Surveying Expedition (1873–1875).

Genus DENDRONESSA Swainson

Aix galericulata brunnescens Clark

Proc. Biol. Soc. Washington 27: 87, May 11, 1914.

=*Dendronessa galericulata* (Linnaeus). See Peters, Checklist of birds of the world 1: 171, 1931.

114766. Adult male. Kyushu Island, Japan. Entered into the museum register on August 23, 1888. Collected by a native collector for Frederick Ringer. Original number 66.

Genus AYTHYA Boie

Aythya marila nearctica Stejneger

U.S. Nat. Mus. Bull. 29: 161, 1885.

89226. Adult male. Bristol Bay, southeastern Bering Sea, Alaska. May 1, 1882. Collected by Charles L. McKay. Original number 96.

No type specimen was designated at the original description, but specimens were examined from "Alaska, Pacific coast, Guatemala, Arctic and Atlantic coasts, and interior of the United States." Oberholser, during preparation of his "Birds of Louisiana," brought together so far as possible Stejneger's old material and asked the latter to set aside a lectotype. No. 89226, apparently the only one of the original series from Bristol Bay, was thus chosen and bears on its label, in Stejneger's hand, the words "nearctica Stejneger" and also "Type, L.S."

According to the rules set up for this study, all the original material should be considered cotypes, but it is obvious that Stejneger's series of so common a bird must have been enormous even in 1885, and it would be impracticable to attempt here to list them all. In this case, then, the one specimen from the restricted type locality is treated as the only type.

Genus BUCEPHALA Baird

Clangula barrovii Richardson

in Swainson and Richardson, Fauna Boreali-Americana 2 (The birds): 456, pl. 70, February 1832.

=*Bucephala islandica* (Gmelin). See Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 796–797, 1858.

2723. Adult male. "Iceland?"=On the Rocky Mountains. 1826 *or* 1827. Collected by Thomas Drummond (see Richardson, *op. cit.*, Introduction, p. xv). Received from Spencer F. Baird, who acquired it from John J. Audubon.

Baird listed this bird in his private register as from "Iceland?," indicated that he had it from Audubon, and stated further that it had reached the latter from Gould. This last is an incorrect assumption, inasmuch as Audubon himself observed that the specimen "was presented to me by the [13th] Earl of Derby, to whom it was given by a member of one of the late Arctic Expeditions" (see Ornithological biography 5: 105, 1839).

Blakiston (Ibis, p. 148, 1863) remarked that the type of *Clangula barrovii* was "in the Museum of the Smithsonian Institution at Washington," and Baird (*op. cit.*, p. 797) wrote that No. 2723 "appears to be the one upon which the species was based in the F. Bor. Americana."

Genus MELANITTA Boie

O[idemia]. stejnegeri Ridgway

Manual of North American birds, p. 112, 1887.

=*Melanitta fusca stejnegeri* (Ridgway). See Peters, Checklist of birds of the world 1: 181, 1931.

101205. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. March 1884. Collected by N. Grebnitsky. Original number 78.

101206. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. April 1884. Collected by N. Grebnitsky. Original number 79.

No type was mentioned at the original description, but reference was made in a footnote to "*O. deglandii* Stejn., Orn. Expl. Kamtsch. 1885, 174." There Stejneger stated that he had three males, one of them immature. Since Ridgway's description treated only of the adult, the specimens here listed are the cotypes.

Pelionetta trowbridgii Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 1, 804, 806, 1858.

=*Melanitta perspicillata* (Linnaeus). See Grinnell, Univ. California Publ. Zool. 38: 265, 1932.

12728 (=9860 or 9861). Adult male. San Diego, San Diego County, California. 1853? Collected by Andrew Cassidy.

Nos. 9860 and 9861, first entered into the museum register on March 23, 1858, were cotypes of this form. One of the two was reentered on July 22, 1859, as No. 12728; the other, whether at some time reentered or not, cannot now be found and has presumably been sent out of the museum or destroyed.

Genus THALASSORNIS Eyton

Thalassornis insularis Richmond

Proc. U.S. Nat. Mus. 19: 678, May 13, 1897.

=*Thalassornis leuconotus insularis* Richmond. See Peters, Checklist of birds of the world 1: 183, 1931.

151139. Adult male. "River Sakalés"=Sakaleo River, which enters the Indian Ocean between Fanivelona and Fenoarivo (at about lat. 20°38′ S.), Madagascar. May 15, 1895. Collected by William L. Abbott.

Genus OXYURA Bonaparte

Erismatura alleni Danforth

Auk 42(4): 558, October 6, 1925.

=*Oxyura jamaicensis jamaicensis* (Gmelin). See Wetmore, Sci. Surv. Porto Rico and the Virgin Islands 9: 315–317, 1927; Peters, Checklist of birds of the world 1: 184, 1931.

313946. Adult male. Desengaño, a switch on the Cabo Rojo branch of the American Railroad one-half mile north of Cartagena Lagoon (lat. 18°01′ N., long. 67°06′ W.), Puerto Rico. April 19, 1925. Collected by Luís H. Mendoza for Stuart T. Danforth. Original number 186. Received from the Cornell University Museum, where it was No. 2287.

Order FALCONIFORMES: Hawks, Falcons

Family CATHARTIDAE: New World Vultures

Genus CATHARTES Illiger

Cathartes aura teter Friedmann

Proc. Biol. Soc. Washington 46: 188, October 26, 1933.

285275. Adult female. Riverside, Riverside County, California. April 12, 1892. Collected by A. H. Higginson. Original number 1901. Received from the U.S. Fish and Wildlife Service.

Cathartes Urubutinga "Natterer" von Pelzeln

Sitzungsber. Akad. Wiss., Wien (Math.-Naturw. Classe) 44: 7, 1861.

=*Cathartes urubutinga* von Pelzeln. See Peters, Checklist of birds of the world 1: 191, 1931.

34984. Adult (sex not indicated). Brazil. Collected by Johann Natterer. Original number 3. Received from the Naturhistorisches Museum, Vienna.

Natterer had nine specimens, adult and immature, from Sapitiba, Irisanga, and Forte do Rio Branco; the rest of the cotypes are, so far as is known, still deposited in the museum at Vienna. Since the original label is lost, and full data were not copied into the museum register, it will probably never be possible to trace by elimination the provenience and date of this specimen.

Family ACCIPITRIDAE: Hawks, Old World Vultures, Harriers

Genus AVICEDA Swainson

Aviceda leuphotes wolfei Deignan

Auk 65 (2): 284, May 15, 1948.

297745. Subadult female. "Near Shin Kai Si," Mount Omei (at elev. 3,000 feet), Szechwan Province, China. August 29, 1923. Collected by David C. Graham.

Genus ROSTRHAMUS Lesson

Rostrhamus sociabilis levis Friedmann

Proc. Biol. Soc. Washington 46: 199, October 26, 1933.

29578. Immature male. Cuba. Entered into the museum register on June 10, 1863. Collected by Charles Wright.

Rostrhamus sociabilis major Nelson and Goldman

Proc. Biol. Soc. Washington 46: 193, October 26, 1933.

144168. Subadult male. Catemaco (elev. 1,000 feet), State of Veracruz, México. April 26, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 1980. Received from the U.S. Fish and Wildlife Service.

Rostrhamus sociabilis, var. plumbeus Ridgway

in Baird, Brewer, and Ridgway, History of North American birds (land birds) 3: 208 (in key), 209, January 1874.

=*Rostrhamus sociabilis plumbeus* Ridgway. See Peters, Checklist of birds of the world 1: 201, 1931.

11955 (*not* 11755). Immature (sex not indicated). Florida. Entered into the museum register on June 23, 1859. Received from John Cassin.

61187. Adult male. The Everglades (near the head of the Miami River, *fide* Maynard, Birds of Eastern North America, pp. 285–290, 1881), Dade County, Florida. March 25, 1871. Collected by Charles J. Maynard. Original number 5386.

No. 11955 cannot be the immature male shot on April 29, 1844, and shown by Harris to the Academy of Natural Sciences, as reported in its Proceedings 2: 65, 1844; that specimen is still in Philadelphia as No. 1942, with its label bearing the notation "first specimen for N. Amer." It is probably, however, one of the four taken by Heermann and/or Krider on May 6, 1848. Of these, one, No. 1943 ("Heermann") is still in the Academy; the three others are unaccounted for.

Genus ACCIPITER Brisson

Astur atricapillus henshawi Nelson

Auk 1 (1): 166, April 1884.

=*Accipiter gentilis atricapillus* (Wilson). See Ridgway, Auk 1: 252, 1884; Grinnell and Miller, Pacific Coast Avifauna 27: 98, 1944.

79798. Adult female. Chewaucan Creek (SE. of Summer Lake, W. of Lake Albert), Lake County, Oregon. August 16, 1878. Collected by Henry W. Henshaw. Original number 721. Explorations and Surveys West of the 100th Meridian.

85624. Adult male. Twelve miles east of Big Trees, elev. 6,000 feet, Calaveras County, California. June 19, 1881. Collected by Lyman Belding.

85625. Adult female. Big Trees, Calaveras County, California. June 17, 1881. Collected by Lyman Belding.

This form was originally described as from the "Pacific coast region from southern Arizona to Sitka, Alaska," but no specimens were definitely mentioned. However, in "Birds of Alaska" (Arctic Series of Publications, Signal Service U.S. Army 3, p. 141, 1887), Nelson himself asserted that the three birds here listed are the types of *henshawi*. There should obviously be more than three cotypes, but in this case it is no longer possible to decide what other material lay before the describer.

[Astur palumbarius] var. **striatulus** Ridgway

in Baird, Brewer, and Ridgway, History of North American birds (land birds) 3: 238, 240, January 1874.

=*Accipiter gentilis atricapillus* (Wilson). See Grinnell and Miller, Pacific Coast Avifauna 27: 98, 1944.

8508. Adult male. Fort Steilacoom, Pierce County, Washington. Entered into the museum register in December 1857. Collected by George Suckley. Original number 101. Pacific Railroad Survey, Line of the 47th Parallel.

Ridgway's original series consisted of 11 specimens from various localities, four of which were mentioned by number and fully described. Assuming that but one form was represented among them, all four would have to be considered cotypes.

In 1884, showing that *henshawi* must be synonymized with *striatulus*, Ridgway (Auk 1: 252) stated: "*A. atricapillus striatulus* included both the dark western race . . . and also a special plumage of true *A. atricapillus;* but . . . three of the four specimens described, and therefore virtually the types, are of the dark western race."

The type locality was first restricted to Fort Steilacoom in the A.O.U. "Checklist of North American Birds," (ed. 3, rev., p. 156, 1910), perhaps because that place was the one first named by Ridgway. But whether before or after this action, Richmond at some time selected No. 8508, the only Steilacoom bird and the only adult mentioned, as the type and so labeled it.

In 1940, Taverner (Condor 42: 157–160) asserted that three of the four (including No. 8508) are actually *atricapillus*. This would leave only No. 11790 from Camp Semiahmoo as true *striatulus*, and it alone could be the type.

If, however, the first restriction of type locality must hold, the claims of No. 11790 (not 11740) are vitiated, and No. 8508 continues to be the type. This is the more desirable treatment from Taverner's own point of view, since if No. 11790 becomes the type and is admitted to "agree quite well" with *laingi*, Taverner's new name can only be a synonym of *striatulus*.

Because of the taxonomic complications of this case, it is essential that some one example be made a lectotype, by which the validity of *striatulus* and *laingi* must stand or fall, and I now follow Friedmann (MS.) and Aldrich (MS.) in so designating No. 8508, the specimen originally set aside by Richmond.

Astur sparsimfasciatus aceletus Oberholser

Proc. U.S. Nat. Mus. 28: 829, July 8, 1905.

=*Accipiter tachiro sparsimfasciatus* (Reichenow). See Friedmann and Loveridge, Bull. Mus. Comp. Zool. 81: 47, 1937; Peters, Checklist of birds of the world 1: 209, 1931.

117876. Taveta, Teita District, Kenya Colony. July 7, 1888. Collected by William L. Abbott.

Astur obsoletus Richmond

Proc. U.S. Nat. Mus. 25: 306, September 17, 1902.

=*Accipiter butleri obsoletus* (Richmond). See Peters, Checklist of birds of the world 1: 212, 1931.

178448. Adult female. Katchall Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. February 18, 1901. Collected by William L. Abbott.

Aster [*sic*] **rufitorques** Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 68, "pl. XIX," 1848.

=*Accipiter fasciatus rufitorques* (Peale). See Peters, Checklist of birds of the world 1: 216, 1931.

13850. Adult female. Fiji Islands, Oceania. Original number "13"=23, *fide* register, or 24, *fide* exhibition label. U.S. Exploring Expedition (1838–1842).

13852. Immature female. Fiji Islands, Oceania. Original number 23, *fide* register. U.S. Exploring Expedition (1838–1842).

13853. Adult male. Fiji Islands, Oceania. Original number 23, *fide* register, or 24, *fide* exhibition label. U.S. Exploring Expedition (1838–1842).

13855. Immature male. Fiji Islands, Oceania. U.S. Exploring Expedition (1838–1842).

Cassin's MS. list indicates five specimens of this form, and the museum register has five entries (No. 13851, an adult male, was sent to the Boston Society of Natural History and is now No. 75679 of the Museum of Comparative Zoology). The Academy of Natural Sciences of Philadelphia has, in addition, an unsexed adult (No. 1227) and an unsexed immature (No. 1228); there is no reason to believe that these were not also in Peale's original series.

Accipiter trivirgatus javanicus Mayr

Amer. Mus. Nov. 1415: 4, April 12, 1949.

218354. Adult male. Mount Gedeh (at elev. 4,500 feet), near Chibodas, western Java. April 18, 1909. Collected by Owen Bryant. Original number 436.

Accipiter velox rufilatus Ridgway

Proc. Biol. Soc. Washington 11: 92, November 8, 1888.

=*Accipiter striatus velox* (Wilson). See Allen, Auk 22: 331, 1905; Peters, Checklist of birds of the world 1: 221, 1931.

10759. Adult male. Fort Bridger (Camp Scott), Uinta County, Wyoming (not Utah). May 26, 1858. Collected by Constantin Drexler. Original number 452. South Pass Wagon Road Expedition.

Ridgway's separation of *rufilatus* was "based on . . . comparison of more than eighty specimens of the two forms," but no example was referred to by number or definite locality. However, the red label of No. 10759 bears in Ridgway's hand the notation "Accipiter velox rufilatus Ridgw." This lectotype had been set aside prior to April 18, 1905, when Nelson discussed the name (Proc. Biol. Soc. Washington 18: 122), and very probably at Nelson's request.

Accipiter striatus venator Wetmore

Proc. Biol. Soc. Washington 27: 119, July 10, 1914.

238370. Adult male. The Cerro Gordo, near Maricao, Maricao Municipality, Puerto Rico. May 30, 1912. Collected by Alexander Wetmore. Original number 2010. Received from the U.S. Fish and Wildlife Service.

Aster [*sic*] **bifasciatus** Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 70, "pl. xx," 1848.

=*Accipiter virgatus gularis* (Temminck and Schlegel). See Deignan, U.S. Nat. Mus. Bull. 186: 65, 1945.

13854. Immature (sex not indicated). Singapore Island, Malaya. Original number 24, *fide* register, or 25, *fide* exhibition label. U.S. Exploring Expedition (1838–1842).

Peale referred to "our specimens," but Cassin's MS. list gives only one, and there is but one entry in the museum register.

The old exhibition label identifies the specimen with "Accipiter badius (Gm.) Strickl.," and Chasen, so informed by Mathews, has misused Peale's name for *Micronisus poliopsis* Hume (see Birds of the Malay Peninsula 4: 25, 1939).

Genus BUTEO Lacépède

Buteo exsul Salvin

Ibis (3) 5: 371, July 1875.

=*Buteo polyosoma exsul* Salvin. See Peters, Checklist of birds of the world 1: 230, 1931.

71044. Adult (sex not indicated). Más-afuera Island (lat. 33°46′ S., long. 80°46′ W.), Juan Fernández Islands, southern Pacific Ocean off central Chile. Entered into the museum register on February 22, 1877. Collected by an agent of Federico Leybold. Received from Osbert Salvin.

Salvin (*op. cit.*, p. 370) stated that Charles Barclay brought the collection from Chile, and that it was placed in his hands for determination by Hanbury Barclay, Charles's brother.

The description of this buzzard was based upon an undisclosed number of cotypes, with both sexes represented; the remainder of the series are perhaps now in the British Museum. Our No. 71045, an immature female, must be considered merely a paratype.

[Buteo borealis] var. lucasanus Ridgway

in Baird, Brewer, and Ridgway, History of North American birds (land birds) 3: 258 (in key), 285, January 1874.

=*Buteo jamaicensis calurus* Cassin. See Brewster, Bull. Mus. Comp. Zool. 41: 84–85, 1902; Friedmann (MS.).

16925. Adult male (not "female?"), *fide* exhibition label and Xántus's field catalog. Cape San Lucas, State of Baja California, México. September 15, 1859. Collected by John Xántus. Original number 2194.

How much the concept of the type specimen has changed is shown by the fact that Brewster (*op. cit.*, p. 84) observed that No. 16925 is the specimen from which Ridgway's description was taken, but in the same paragraph (and again on p. 86) stated that No. 17212 is the type.

Ridgway had, in fact, a number of specimens, both immature and adult, but since he affirmed that the description was based upon a single bird, No. 16925, the others of the series can only be considered paratypes.

Buteo b[orealis]. socorroensis Nelson

Proc. Biol. Soc. Washington 12: 7, January 27, 1898.

=*Buteo jamaicensis socorroenis* Nelson. See Peters, Checklist of birds of the world 1: 232, 1931.

50761. Adult male. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. Entered into the museum register on April 24, 1868. Collected by Andrew J. Grayson. Original number 2.

117499. Adult male. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. March 8, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

117500. Adult female. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. March 8, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

This name was provisionally proposed by Ridgway (Proc. U.S. Nat. Mus. 3: 220, September 9, 1880) for the *Buteo borealis* var. *montanus* of Grayson and Lawrence, not Nuttall, but was here not accompanied by a description. No. 50761 was Grayson's only specimen and is accordingly the type of the *nomen nudum*. Nos. 117499 and 117500, taken in 1889, bear the name *socorroensis* on the labels in Ridgway's hand. Nelson's fortuitous validation of the name was based upon Nos. 117499 and 117500 or upon all three specimens. Nos. 117499 and 117500 are, in any case, the birds from which the first formal description was taken (Ridgway, *in* Biologia Centrali-Americana, Aves 3: 64, November 1900).

Buteo borealis fumosus Nelson

Proc. Biol. Soc. Washington 12: 7, January 27, 1898.

=*Buteo jamaicensis fumosus* Nelson. See Peters, Checklist of birds of the world 1: 232, 1931.

156714. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 13 (not 6), 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4379. Received from the U.S. Fish and Wildlife Service.

Buteo borealis, var. **costaricensis** Ridgway

in Baird, Brewer, and Ridgway, History of North American birds (land birds) 3: 285, footnote 1, January 1874.

=*Buteo jamaicensis costaricensis* Ridgway. See Peters, Checklist of birds of the world 1: 232, 1931.

30409. Adult (sex not indicated). Costa Rica. Entered into the museum register on November 5, 1863. Collected by Alexander von Frantzius.

Buteo Cooperi Cassin

Proc. Acad. Nat. Sci. Philadelphia 8: 253 (not earlier than October 28), 1856.

=*Buteo harlani* (Audubon). See Grinnell, Univ. California Publ. Zool. 38: 266, 1932; Peters, Checklist of birds of the world 1: 232, 1931.

8525. Adult male. Near Mountain View, Santa Clara County, California (see Cooper, Ornithology of California, p. 473, 1870). November 10, 1855 (not October 1856). Collected by James G. Cooper. Original number 51.

According to Grinnell (*loc. cit.*), the exact date of publication of Cassin's description was April 25, 1857. The same author (Condor 32: 259–260, 1930) has written an exhaustive study of this type.

Buteo lineatus alleni Ridgway

Proc. U.S. Nat. Mus. 7: 514, February 25, 1885.

78395. Immature female. Clearwater, Pinellas County, Florida. October 1879. Collected by S. T. Walker.

99538. Adult male. Tampa, Hillsborough County, Florida. May 20, 1878. Received from Charles K. Worthen.

Onychotes gruberi Ridgway

Proc. Acad. Nat. Sci. Philadelphia, p. 149 (not earlier than December 27), 1870 (=1871?).

=*Buteo solitarius* Peale. See Grinnell, Univ. California Publ. Zool. 38: 315, 1932.

41703. Adult in dark phase (sex not indicated). "California"=Hawaii Island, Hawaiian Islands, Oceania? Entered into the museum register on April 7, 1866. Received from Ferdinand Gruber.

As has been shown by Grinnell (*loc. cit.*), the provenience of this specimen must be held doubtful. It was one of a lot of ten birds received from Gruber and entered into the register by Baird. One, a *Myiarchus* sp., came from "Guatemala"; two, including No. 41703, came from "California," and Baird queried the locality given for the hawk; the others came from "San Francisco," and one of them, a *Rallus* sp., has no less than three queries inserted by Baird after locality.

Buteo platypterus brunnescens Danforth and Smyth

Journ. Agric. Univ. Puerto Rico 19: 485, October 1935.

335298. Adult female. El Yunque, a mountain in northeastern Puerto Rico. August 2, 1935. Collected by J. Adger Smyth. Received from Stuart T. Danforth, in whose collection it was No. 1890.

Buteo platypterus insulicola Riley

Auk 25 (3): 273, July 1908.

119349. Adult male. Antigua Island, Leeward Islands, Caribbean Sea May 29, 1890. Collected by Cyrus S. Winch. Received from Charles B. Cory (in whose collection it was No. 14735).

[Buteo (Rupornis) magnirostris] c. var. griseocauda Ridgway

Proc. Boston Soc. Nat. Hist. 16: 87 (in key), 88, May 21 (=December) 1873.

=*Buteo magnirostris griseocauda* Ridgway. See Brodkorb, Occas. Papers Mus. Zool. Univ. Michigan 425: 2, 1940.

27103. Adult (sex not indicated). Hacienda "Mirador," State of Veracruz, México. 1861 or 1862. Collected by Carl C. W. Sartorius.

This name was based upon a series of 14 specimens, now known to be referable to at least three races. The example here listed was long ago set aside by Richmond as a lectotype, and Brodkorb (*op. cit.*, p. 1) accordingly restricted the type locality of *griseocauda* to Mirador, Veracruz. By this restriction the cotypes were reduced to two; the second, a female from Río Seco, Veracruz, is now in the Museum of Comparative Zoology, where it is No. 77366.

Buteo magnirostris xantusi Van Rossem

Ann. Mag. Nat. Hist. (11) 4: 440, October 1939.

30233. Immature male. Hacienda "Tecotlmatlán," Río Armeria, State of Colima, México. February 1863. Collected by John Xántus. Original number 169.

Rupornis gracilis Ridgway

Proc. U.S. Nat. Mus. 8: 94, June 19, 1885.

=*Buteo magnirostris gracilis* (Ridgway). See Peters, Checklist of birds of the world 1: 237, 1931.

102852. Subadult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 27, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Ridgway, in the original description, mentioned ten specimens, but failed to designate a type. This omission was remedied in the Proceedings of the U.S. National Museum (8:579, Nov. 23, 1885), where under the name *Rupornis magnirostris gracilis*, No. 102852 was stated to be the type.

Genus SPIZAETUS Vieillot

Spizaetus tyrannus serus Friedmann

Smithsonian Misc. Coll. 111 (16) : 1, February 28, 1950.

206391. Adult male. Río Indio, near Gatún, Panamá Canal Zone. March 4, 1911. Collected by Edward A. Goldman. Original number 13928. Received from the U.S. Fish and Wildlife Service.

Spizaetus nanus stresemanni Amadon

Ibis 95 (3) : 498, July 1, 1953.

180805. Immature male. Mojeia River, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 13, 1905. Collected by William L. Abbott.

Genus HALIAEETUS de Savigny

Haliætus hypoleucus "Stejnegger, MS." Ridgway

Proc. U.S. Nat. Mus. 6: 90, August 2, 1883.

=*Haliaeetus albicilla albicilla* (Linnaeus)?, *fide* Wetmore and Friedmann (MS.).

89127. Immature female. Bering Island, Commander Islands, southwestern Bering Sea. May 15, 1882. Collected by Leonhard H. Stejneger. Original number 1055.

Long and careful study by the museum ornithologists has disclosed no character at all by which this specimen can be certainly allocated between *H. a. albicilla* and *H. leucocephalus alascanus* Townsend! Since the name *hypoleucus* Ridgway, 1883, has priority over *alascanus* Townsend, 1897, the former should be arbitrarily placed in synonymy with *albicilla* Linnaeus, 1758.

Haliætus leucocephalus alascanus C. H. Townsend

Proc. Biol. Soc. Washington 11: 145, June 9, 1897.

=*Haliaeetus leucocephalus alascanus* Townsend. See A.O.U. Committee on Classification and Nomenclature, Auk 72: 293, 1955.

151567. Adult male. Unalaska Island, Aleutian Islands, Bering Sea. June (not May) 22, 1895. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus CIRCUS Lacépède

Circus approximans Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 64, "pl. XVIII" (="pl. XVII"?), 1848.

=*Circus approximans approximans* Peale. See Peters, Checklist of birds of the world 1: 267, 1931.

13841. Immature (sex not indicated). Muthuata Town, Vanua Levu Island, Fiji Islands, Oceania. June 21, 1840. Original number 12. U.S. Exploring Expedition (1838–1842).

Genus SPILORNIS G. R. Gray

Spilornis bassus baweanus Oberholser

Proc. U.S. Nat. Mus. 52: 185, February 8, 1917.

=*Spilornis cheela baweanus* Oberholser. See Chasen, Handlist of Malaysian birds, p. 75, 1935.

181446. Adult female. Bawean Island, Java Sea, Indonesia. November 25, 1907. Collected by William L. Abbott.

Spilornis cheela richmondi Kirke Swann

Synopsis of the Accipitres, ed. 2, p. 135, 1922.

181625. Adult (sex not indicated). Kendawangan River, Matan Subdivision, southwestern Borneo. July 1–September 9, 1908. Collected by William L. Abbott.

Spilornis klossi Richmond

Proc. U.S. Nat. Mus. 25: 304, September 17, 1902.

=*Spilornis cheela klossi* Richmond. See Meise, Journ. für Orn. 87: 71, 1939.

178429. Adult male. Great Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. March 20, 1901. Collected by William L. Abbott.

Richmond gives as the exact type locality Pulau Kunyi, but reference to Boden Kloss (In the Andamans and Nicobars, pp. 141–153, 1903) shows that the bird may have been shot anywhere within an area bounded on the west by Pulau Kunyi village, on the east by the Dagmar River, and on the south by the shore of Casuarina Bay.

Spilornis abbotti Richmond

Proc. U.S. Nat. Mus. 26: 492, February 4, 1903.

=*Spilornis cheela abbotti* Richmond. See Meise, Journ. für Orn. 87: 71, January 1939.

179094. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 13 (not 1), 1901. Collected by William L. Abbott.

Family FALCONIDAE: Falcons, Caracaras

Genus PHALCOBOENUS D'Orbigny

Ibycter circumcinctus Scott

Auk 27 (2): 152, April 1910.

=*Phalcoboenus albogularis* Gould. See Peters, Checklist of birds of the world 1: 280, 1931.

335166. Adult male. Near the settlement of Chubut, Territory of Chubut, Argentina. February 1896. Collected by O. A. Petersen? Original number 8. Received from the Princeton Museum of Zoology (where it was No. 8993), which institution acquired it from the Museo de La Plata.

Genus POLYBORUS Vieillot

Polyborus Audubonii Cassin

Proc. Acad. Nat. Sci. Philadelphia, p. 2 (not earlier than January 31), 1865.

=*Polyborus cheriway audubonii* Cassin. See Peters, Checklist of birds of the world 1: 281, 1931.

1977. Immature (sex not indicated). Saint Augustine, Saint Johns County, Florida. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Audubon's type specimen of the Florida caracara was shot for him by his assistant on November 27, 1831, at Saint Augustine; while he later saw other specimens, he seems to have had but one in his own collection. The bird was sent to Dr. Richard Harlan of Philadelphia (see Burns, Wilson Bull. 21: 103–104, 1909).

Cassin (*loc. cit.*) states: "The specimen now described is Mr. Audubon's type from Florida, presented by him to this Academy"; Stone, however

(Proc. Acad. Nat. Sci. Philadelphia, p. 29, 1899), remarks without explanation: "Type in U.S. National Museum."

On the reverse side of the red type label are the following comments in Richmond's hand: "Possible type. Cassin says 'Audubon's type' is the bird 'now described', & this is the only Audubon spec. in Nat. Mus. Stone, in his list of types in Phil. Acad. (p. 29) says 'Type in U.S. Nat. Mus.' A. H. Howell compared this specimen with Cassin's description & found them to agree. C.W.R."

The oldest label carried by the specimen is a piece of heavy cardboard, on which we find, in a semiprinted hand: "Polyborus brasiliensis./Young. St. Augustin./Plate CLXI. Young./Synopsis p."/. The writing is very distinct from Audubon's cursive script in a series of letters written between 1840 and 1846 (now preserved in the Smithsonian archives), but is not strikingly different from the semiprinted addresses on certain of the covers and agrees perfectly with that on the labels of other specimens known to have been Audubon's; the probability of this label's being Audubon's own is therefore very great.

Polyborus cheriway pallidus Nelson

Proc. Biol. Soc. Washington 12: 8, January 27, 1898.

156715. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 3, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4172. Received from the U.S. Fish and Wildlife Service.

Polyborus lutosus Ridgway

Bull. U.S. Geol. and Geogr. Surv. Terr. (2) 1 (6): 459 (not earlier than February 8), 1876.

69980 (=80793). Immature (sex not indicated). Guadalupe Island (lat. 29°00′ N., long. 118°15′ W.), eastern Pacific Ocean off the State of Baja California, México. 1875. Collected by Edward Palmer. Original number 22.

69981. Immature female. Original number 30. Other data as above.

69982. Adult (sex not indicated). Original number 31. Other data as above.

69984. Adult female. May 10, 1875. Original number 32. Other data as above.

69985. Immature (sex not indicated). 1875. Original number 25. Other data as above.

69986. Immature (sex not indicated). Original number 17. Other data as above.

69987. Adult (sex not indicated). May 10, 1875. Original number 23. Other data as above.

69989. Immature male. 1875. Original number 21. Other data as above.

69993. Adult female. Original number 24. Other data as above.

69994. Immature (sex not indicated). Original number 29. Other data as above.

69995. Adult female. Original number 19. Other data as above.

69997. Pullus (sex not indicated). May 10, 1875. Original number 48. Other data as above.

69998. Pullus (sex not indicated). May 10, 1875. Original number 48. Other data as above.

69999. Pullus (sex not indicated). April 11, 1875. Original number 34. Other data as above.

Ridgway's description was based upon 20 specimens, all of which must be considered cotypes. No. 69984 was marked as the type by Richmond and has been designated as such by Grinnell (Univ. California Publ. Zool. 32: 113, 1928), but it seems to be simply a lectotype, with no more claim to typeship than any other of the series.

The fates of the six remaining cotypes are as follows:

No. 69983, an unsexed adult, and No. 69988, an unsexed immature, were sent to J. H. Gurney on Jan. 12, 1882, and are now in the Castle Museum, Norwich. No. 69990, an immature male, was sent to Osbert Salvin in Aug. 1876, and is now in the British Museum. No. 69991, an immature male, went to the Mombusho Museum in Tokyo in 1877 and was destroyed by the great earthquake and fire of 1923. No. 69992, an unsexed adult, should still be in the national collection, but cannot now be found. No. 69996, an unsexed pullus, was sent to von Berlepsch on Sept. 25, 1882, and presumably later entered the Senckenberg Museum at Frankfurt-am-Main, although it could not be found there in 1932 (see Abbott, Condor 35: 11, 1933).

The original label of No. 69980 became separated from the skin at the time of mounting, and the bird was given a new number when dismounted in September 1880.

Genus POLIHIERAX Kaup

Polihierax semitorquatus homopterus Oberholser

Proc. U.S. Nat. Mus. 27: 738, May 21, 1904.

=*Polihierax semitorquatus castanonotus* von Heuglin. See Archer and Godman, Birds of British Somaliland and the Gulf of Aden 1: 184, 1937.

177898. Adult male. Goulf=Laga (*ca.* lat. 6°45′ N., long. 41°45′ E.), Somaliland. November 29, 1894. Collected by A. Donaldson Smith. Original number 454.

Genus FALCO Linnaeus

Falco rusticolus alascanus Kirke Swann

Bull. Brit. Orn. Club 42: 67, February 2, 1922.

=*Falco rusticolus uralensis* (Severzov and Menzbier). See Peters, Check-list of birds of the world 1: 286, 1931.

96776. Adult male. Norton Bay=Norton Sound in the neighborhood of Saint Michael, western Alaska. October 1879. Collected by Edward W. Nelson. Original number 1565.

Falco ferox Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 67, "pl. XVIII," 1848.

=*Falco novae-seelandiae* Gmelin. See Mathews and Iredale, Ibis (10) 1: 420, 1913; Peters, Checklist of birds of the world 1: 287, 1931.

13862. Adult male? Bay of Islands, North Island, New Zealand. Original number 19. U.S. Exploring Expedition (1838–1842).

Falco communis, var. Pealei Ridgway

in Baird and Ridgway, Bull. Essex Inst. 5: 201, Dec. 1873.

=*Falco peregrinus pealei* Ridgway. See Peters, Checklist of birds of the world 1: 290, 1931.

12022 (not 12622). Immature (not adult) female. "Oregon"=Puget Sound (see Peale, U.S. Exploring Expedition 8 (Mamm. and Orn.): 66, 1848). U.S. Exploring Expedition (1838–1842).

45814. Immature (not adult) female. Sitka, Baranof Island, Alaska. May 1866. Collected by Ferdinand Bischoff.

The original label of No. 12022 no longer exists, and the erroneous locality "Oregon" was taken from the old exhibition label of the National Institute still affixed to the specimen.

On the label of No. 12022 Ridgway has at some time written the words "communis var. pealii Ridgway/*Type*." At the original description, however, the two specimens were treated as cotypes.

Falco fusco-cœrulescens septentrionalis Todd

Proc. Biol. Soc. Washington 29: 98, June 6, 1916.

111485. Adult male. Fort Huachuca, Cochise County, Arizona. May 6, 1887. Collected by Harry C. Benson. Original number 534.

Æsalon regulus insignis Clark

Proc. U.S. Nat. Mus. 32: 470, June 15, 1907.

=*Falco columbarius insignis* (Clark). See Peters, Checklist of birds of the world 1: 295, 1931.

114580. Immature male. Fusan, Korea. March 12, 1884. Collected by Pierre L. Jouy. Original number 1380.

Falco columbarius, var. Suckleyi Ridgway

in Baird and Ridgway, Bull. Essex Inst. 5: 201, December 1873.

=*Falco columbarius suckleyi* Ridgway, *fide* Friedmann MS.

4477 *bis* (not 4477). Adult male. Shoalwater Bay, Pacific County, Washington. August 1855. Collected by James G. Cooper.

5832. Adult female. Fort Steilacoom, Pierce County, Washington. September 1856. Collected by George Suckley. Original number 547.

Falco (Hypotriorchis) richardsonii Ridgway

Proc. Acad. Nat. Sci. Philadelphia, p. 145 (not earlier than December 27), 1870 (=1871?).

=*Falco columbarius richardsonii* Ridgway. See Peters, Checklist of birds of the world 1: 296, 1931.

5171. Adult male. Confluence of the Vermilion River with the Missouri, Clay County, South Dakota. October 25, 1856. Collected by Ferdinand V. Hayden.

40516. Immature male. Missouri River opposite Fort Rice, Emmons County, North Dakota. July 20, 1865. Collected by S. M. Rothammer. Original number 365.

58983 (=109299). Adult female. Berthoud Pass, Clear Creek-Grand Counties, Colorado. Entered into the museum register in January 1870. Collected by James Stevenson for Ferdinand V. Hayden.

No. 58983 long ago lost its original label and on Aug. 23, 1886, was reentered into the register with a new number; it carries now only a red type label attached by Richmond. The labels of Nos. 5171 and 40516 each bear the word "Type" in Ridgway's hand, and we may assume that a similar notation was on the label of No. 58983.

Cerchneis perpallida Clark

Proc. U.S. Nat. Mus. 32: 470, June 15, 1907.

=*Falco tinnunculus tinnunculus* Linnaeus. See Peters, Checklist of birds of the world 1: 298 (footnote), 1931.

114579. Adult male. Fusan, Korea. April 6, 1884. Collected by Pierre L. Jouy. Original number 1388.

Cerchneis moluccensis microbalia Oberholser

Proc. U.S. Nat. Mus. 54: 178, November 2, 1917.

=*Falco moluccensis occidentalis* (Meyer and Wiglesworth). See Chasen, Handlist of Malaysian birds, p. 82, 1935.

181449. Adult male. Pulau Solombo Besar, eastern Java Sea, Indonesia. December 3 (not March 12), 1907. Collected by William L. Abbott.

Falco sparverius peninsularis Mearns

Auk 9 (3): 267, July 1892.

16930 (=58674). Adult male. San José del Cabo, State of Baja California, México. May 1859. Collected by John Xántus. Original number 269.

Falco (Tinnunculus) leucophrys Ridgway

Proc. Acad. Nat. Sci. Philadelphia, p. 147 (not earlier than December 27), 1870 (=1871?).

=*Falcosparverius sparveroides* Vigors, *fide* Friedmann (MS.)

31984. Adult female. Cuba. Entered into the museum register on January 25, 1864. Acquired from John Akhurst (a dealer in New York).

34244. Adult male. Remedios, Province of Santa Clara, Cuba. December 14, 1863. Collected by Nathaniel H. Bishop.

Cerchneis sparveria loquacula Riley

Smithsonian Misc. Coll. 47 (Quarterly Issue 2): 284, November 9, 1904.

=*Falco sparverius loquaculus* (Riley), *fide* Friedmann (MS).

169029. Adult male. Isabel II, Vieques Island, Caribbean Sea east of Puerto Rico. February 8, 1899. Collected by Arthur B. Baker. Original number 91. Received from the U.S. Fish Commission.

Falco sparverius æquatorialis Mearns

Auk 9 (3) : 269, 1892.

101309. Subadult male. "Guayaquil, Ecuador," error="the interior of Ecuador" (*fide* Jones, *in epist.* of November 11, 1884). Entered into the museum register on January 5, 1885. Received from William H. Jones, who acquired it, with other birds, from "Mr. Cartright Agt. P.S.N. Co. Guayaquil as a gift" (*in epist. cit.*).

While Mearns intended to base his description on two cotypes (male and female), Chapman (Bull. Amer. Mus. Nat. Hist. 34: 376–377, 1915) has shown that the female, No. 67349 from "Ecuador," is in fact an example of *F. s. caucae.*

Tinnunculus sparverius var. Australis Ridgway

Proc. Acad. Nat. Sci. Philadelphia, p. 149, footnote (not earlier than December 27), 1870 (=1871?).

=*Falco sparverius eidos* Peters. See Peters, Checklist of birds of the world 1: 305, 1931.

50942. Adult female. Brazil. Entered into the museum register on May 5, 1868. Collected by Frederico de Albuquerque.

Ridgway's first use of the name *australis* was essentially a mere renaming of *Falco gracilis* Swainson 1838, not Lesson 1830, nor Temminck 1821, but *in* Baird, Brewer, and Ridgway (History of North American birds 3: 166, 1874) it appeared again with a formal description and the listing of three specimens that might stand as cotypes. Richmond was accordingly led to treat Ridgway's *australis* as independent of Swainson's *gracilis* and set aside No. 20937, the first-named, as the type.

A study of the three specimens is interesting. The first, No. 20937, was taken in September 1860, not on the Paraná as stated, but in Uruguay or on the Uruguay River, and is a representative of *F. s. cinnamominus* Swainson (or, strictly speaking, *cinnamoninus* > *eidos*). No. 50942 is from Brazil and is *F. s. eidos* Peters. No. 16570, from Bogotá, is *F. s. intermedius* Cory.

I am in complete agreement with Cory (Field Mus. Nat. Hist. Orn. Ser. 1: 317 [footnote], 319, 1915) that *australis* of Ridgway should be held to have the same type specimen as *gracilis* of Swainson, but Ridgway's peculiar treatment of his name could lend legalistic grounds to one who, like Richmond, cared to take a different view. Since Ridgway's series was composite, a reviser could select either No. 20937 or No. 16570 as *the* type, thus making Peters's name *eidos* (new name for *australis* Ridgway, not Hombron and Jacquinot 1841, nor Gmelin 1788) a mere synonym of either *cinnamominus* or *intermedius,* and leaving the bird of Bahía again without a valid name.

To settle the matter once and for all, and to make unquestionable the application of *eidos*, I now designate as the type No. 50942, with data as listed above.

Order GALLIFORMES: Megapodes, Curassows, Pheasants, Hoatzins

Family MEGAPODIIDAE: Megapodes

Genus MEGAPODIUS Gaimard

Megapodius nicobariensis abbotti Oberholser

Proc. U.S. Nat. Mus. 55: 401, May 7, 1919.

=*Megapodius freycinet abbotti* Oberholser. See Peters, Checklist of birds of the world 2: 3, 1934; Mayr, Amer. Mus. Nov. 1006: 5, 1938.

178343. Adult male. Little Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. February 28, 1901. Collected by William L. Abbott.

Megapodius forsteni balukensis Oberholser

Journ. Washington Acad. Sci. 14: 294, July 19, 1924.

=*Megapodius freycinet balukensis* Oberholser? See Peters, Checklist of birds of the world 2: 4, 1934; Mayr, Amer. Mus. Nov. 1006: 5, 1938.

200692. Adult female. Balukbaluk Island (lat. 6°40′ N., long. 121°42′ E.), Philippine Islands. January 10, 1906. Collected by Gordon Johnston, for Edgar A. Mearns. Original number 13883.

Family CRACIDAE: Curassows, Guans, Chachalacas

Genus PAUXI Temminck

Pauxi pauxi gilliardi Wetmore and Phelps

Journ. Washington Acad. Sci. 33: 144, May 17, 1943.

368540. Adult male. Near Tierra Nueva (elev. 1,200–1,500 feet, at the northern end of the Serranía de Valledupar, or Sierra Negra, slightly south of east of Fonseca), Department of Magdalena, Colombia. July 21, 1941. Collected by Melbourne A. Carriker, Jr. Original number 1678.

Genus CRAX Linnaeus

Crax chapmani Nelson

Proc. Biol. Soc. Washington 14: 170, September 25, 1901.

=*Crax rubra rubra* Linnaeus. See Friedmann, Birds of North and Middle America 10: 14 (footnote 13), 1946.

167370. Adult female. Puerto Morelos, on the eastern coast of the State of Yucatán, México. March 28, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7940. Received from the U.S. Fish and Wildlife Service.

Crax globicera griscomi Nelson

Proc. Biol. Soc. Washington 39: 106, August 25, 1926.

=*Crax rubra griscomi* Nelson. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 132, 1942.

167377. Adult female. Cozumel Island, off the eastern coast of the State of Yucatán, México. April 8, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 8071. Received from the U.S. Fish and Wildlife Service.

Genus ORTALIS Merrem

Penelope adspersa von Tschudi

Archiv für Naturgeschichte 9: 386, 1843.

=*Ortalis guttata adspersa* (von Tschudi). See Friedmann and Deignan, Zoologica, New York, 27: 49, 1942.

41932. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

This form was described from an undisclosed number of cotypes. Hellmayr and Conover (Catalogue of birds of the Americas 1: 165, 1942) state categorically "type in Neuchâtel Museum," but this must be in error, since von Berlepsch and Hellmayr (Journ. für Orn. 53: 6–20, 1905) mention no specimen seen by them there. At least one other cotype, received as part of the Salvin-Godman Collection, is preserved in the British Museum.

Ortalida McCalli Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xliv, 611, 1858.

=*Ortalis vetula mccalli* (Baird). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 169, 1942.

4106. Adult male. Boquillo, State of Nuevo León, México. April 1853. Collected by Darius N. Couch. Original number 137.

O[rtalis]. vetula pallidiventris Ridgway

Manual North American birds, p. 209, September 1887.

=*Ortalis vetula pallidiventris* Ridgway. See Hellmayr and Conover, Birds of the Americas 1 (1): 172, 1942.

37976. Adult male. Mérida, State of Yucatán, México. February 13, 1865. Collected by Arthur C. V. Schott. Original number 171. Comisión Científica de Yucatán.

39318. Adult male. Mérida, State of Yucatán, México. April 25, 1865. Collected by Arthur C. V. Schott. Original number 430. Comisión Científica de Yucatán.

39319. Adult (sex not indicated). Mérida, State of Yucatán, México. May 20, 1865. Collected by Arthur C. V. Schott. Original number 487. Comisión Científica de Yucatán.

No indication was given by Ridgway of the number of specimens before him, but a study of museum records shows that there were probably at least eight. Of these, four have the data too incomplete to have been wholly useful; the remainder possess full data, and the type would almost certainly have been selected from among them. Three are here listed; the fourth, No. 37977 (data as for No. 37976, but with date February 16, 1865, and original number 182) cannot now be found in the collection.

Ortalis ruficrissa lamprophonia Wetmore

Smithsonian Misc. Coll. 122 (8) : 1, December 17, 1953.

368535. Adult male. Serranía de Macuire, above Nazaret, Commissary of La Guajira, Colombia. May 5, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11792.

Family TETRAONIDAE: Grouses

Genus DENDRAGAPUS Elliot

Canace obscura, var. **fuliginosa** Ridgway

in Baird and Ridgway, Bull. Essex Inst. 5: 199, December 1873.

=*Dendragapus obscurus fuliginosus* (Ridgway). See Friedmann, Birds of North and Middle America 10: 74–76, 1946.

4505 (not 11505). Adult male. Cascade Mountains, beneath Mount Hood, Hood River County, Oregon. October 5–14, 1855. Collected by C. D. Anderson for John S. Newberry. Pacific Railroad Survey, The Sacramento Valley to the Columbia River.

11826. Adult female. Chiloweyuck (Chilliwack) River (not Depot), Fraser Valley Electoral District, British Columbia (not Washington). August 6, 1858. Collected by Caleb B. R. Kennerly. Original number 216. Northwestern Boundary Commission.

11827. Immature (sex not indicated). Chiloweyuck (Chilliwack) River (not Depot), Fraser Valley Electoral District, British Columbia (not Washington). August 6, 1858. Collected by Caleb B. R. Kennerly. Original number 217. Northwestern Boundary Commission.

No. 4505, from the "Cascade Mts.," bears on one of its old labels, in an unidentified hand, "Foot of Mt. Hood." The species is more likely to have been found in the Mount Hood region than in any other visited by the Expedition, and the restricted locality may be accepted as correct (see Rep. Expl. and Surv. R.R. Pac. 6: 97–101, 1857).

Genus LAGOPUS Brisson

Lagopus lagopus muriei Gabrielson and Lincoln

Proc. Biol. Soc. Washington 62: 175, December 22, 1949.

366615. Adult male. Nagai Island (lat. 55° N., long. 160° W.), Shumagin Islands, just south of the Alaska Peninsula, Alaska. May 15, 1936. Collected by Olaus J. Murie. Original number 3512. Received from the U.S. Fish and Wildlife Service.

Lagopus lagopus ungavus Riley

Proc. Biol. Soc. Washington 24: 233, November 28, 1911.

101068. Adult male. Fort Chimo (near the mouth of the Koksoak River), northern Quebec Province, Canada. July 22, 1884. Collected by Lucien McS. Turner. Original number 5823.

Lagopus alba alleni Stejneger

Auk 1 (4) : 369, October 1884.

=*Lagopus lagopus alleni* Stejneger. See Friedmann, Birds of North and Middle America 10: 108, 1946.

100054. Adult (sex not indicated). Saint John's, Province of Newfoundland, Canada. Entered into the museum register on October 7, 1884. Received from Leonhard H. Stejneger, who purchased it in New York.

Lagopus ridgwayi Stejneger

Proc. Biol. Soc. Washington 2: 98, April 10, 1884.

=*Lagopus mutus ridgwayi* Stejneger. See Peters, Checklist of birds of the world 2: 33, 1934.

89059. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. June 6, 1882. Collected by Leonhard H. Stejneger. Original number 1167.

89062. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. August 23, 1882. Collected by Leonhard H. Stejneger. Original number 1487.

92709. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. January 11, 1884. Collected by Leonhard H. Stejneger. Original number 1867.

92716. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. October 19, 1882. Collected by Leonhard H. Stejneger. Original number 1689.

89057. Adult female. Bering Island, Commander Islands, southwestern Bering Sea. August 10, 1882. Collected by Leonhard H. Stejneger. Original number 1418.

92712. Adult female. Bering Island, Commander Islands, southwestern Bering Sea. January 19, 1883. Collected by Leonhard H. Stejneger. Original number 1877.

The six specimens here listed were all named as types at the first description, and each bears the word "Type" on the label in Stejneger's hand; it was evidently his desire to have represented in the type series as many states of plumage as possible. The two females, however, come into the diagnosis only by measurements and should probably be treated as mere paratypes. The only male in full summer dress (and thus agreeing with the description even to the blackish abdomen) is No. 89062, which might therefore be considered the type.

Lagopus japonicus Clark

Proc. U.S. Nat. Mus. 32: 469, June 15, 1907.

=*Lagopus mutus japonicus* Clark. See Peters, Checklist of birds of the world 2: 33, 1934.

121179. Adult male. Mitake-san=Minami-koma-ga-dake (Mount Minami), Kiso Range, Nagano Prefecture, Honshu Island, Japan. July 29 (not 7), 1888. Collected by M. Kikuchi. Original number 155. Received from The Science College Museum, Imperial University, Tokyo.

Lagopus evermanni Elliot

Auk 13 (1): 25, pl. 3 (opp. 197), January 1896.

=*Lagopus mutus evermanni* Elliot. See Friedmann, Birds of North and Middle America 10: 109–110, 1946.

135638. Adult male. Attu Island, Aleutian Islands, Alaska. June 4, 1894. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

128275. Adult female. Attu Island, Aleutian Islands, Alaska. May 28, 1892. Collected by Barton W. Evermann. Received from the U.S. Fish Commission.

Lagopus rupestris townsendi Elliot

Auk 13 (1): 26, January 1896.

=*Lagopus mutus townsendi* Elliot. See Friedmann, Birds of North and Middle America 10: 111–113, 1946.

135634. Adult male. Kiska Island, Aleutian Islands, Alaska. June 8, 1894. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

135636. Adult female. Kiska Island, Aleutian Islands, Alaska. June 8, 1894. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Lagopus mutus gabrielsoni O. J. Murie

Condor 46 (3): 121, May 24, 1944.

———. Adult male. Amchitka Island, Aleutian Islands, Alaska. June 28, 1940. Collected by Ira N. Gabrielson. Deposited by Ira N. Gabrielson, in whose private collection it is No. 4150.

Lagopus rupestris sanfordi Bent

Smithsonian Misc. Coll. 56 (30): 1, January 6, 1912.

=*Lagopus mutus sanfordi* Bent. See Friedmann, Birds of North and Middle America 10: 113–114, 1946.

222527. Adult male. Tanaga Island, Aleutian Islands, Alaska. June 25, 1911. Collected by Rollo H. Beck. Original number 204.

Lagopus rupestris chamberlaini Clark

Proc. U.S. Nat. Mus. 32: 469, June 15, 1907.

=*Lagopus mutus chamberlaini* Clark. See Friedmann, Birds of North and Middle America 10: 114, 1946.

131867. Adult male. Adak Island, Aleutian Islands, Alaska. July 2, 1893. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Lagopus mutus atkhensis Turner

Proc. U. S. Nat. Mus. 5: 227, August 5, 1882.

85597. Adult male. Atka Island, Aleutian Islands, Alaska. May 29, 1879. Collected by Lucien McS. Turner.

85598. Adult male. Atka Island, Aleutian Islands, Alaska. June 7, 1879. Collected by Lucien McS. Turner.

85599. Adult female. Same data as No. 85598.

85600. Adult female. Same data as No. 85597.

Lagopus mutus yunaskensis Gabrielson and Lincoln

Proc. Biol. Soc. Washington 64: 63, April 13, 1951.

———. Adult male. Yunaska Island, Aleutian Islands, Alaska. June 24, 1946. Collected by Ira N. Gabrielson. Deposited by Ira N. Gabrielson, in whose private collection it is No. 5583.

Lagopus rupestris nelsoni Stejneger

Auk 1 (3) : 226, July 1884.

=*Lagopus mutus nelsoni* Stejneger. See Friedmann, Birds of North and Middle America 10: 117, 119, 1946.

73488 (not 93488). Adult male. Unalaska Island, Aleutian Islands, Alaska. May 18, 1877. Collected by Edward W. Nelson. Original number 19.

Lagopus leucurus rainierensis Taylor

Condor 22 (4) : 146, August 10, 1920.

269375. Adult female. Pinnacle Peak (at elev. 6,200 feet), Mount Rainier, Pierce County, Washington. July 19, 1919. Collected by Walter P. Taylor. Original number 479. Received from the U.S. Fish and Wildlife Service.

Lagopus leucurus altipetens Osgood

Auk 18 (2) : 180, April 1901.

69774. Adult male (not female). Mount Blaine, Archuleta County, Colorado. September 3, 1874. Collected by Charles E. H. Aiken. Original number 198. Geogr. and Geol. Expl. and Surv. West of the 100th Meridian.

Genus TETRASTES Keyserling and Blasius

Tetrastes bonasia amurensis Riley

Proc. Biol. Soc. Washington 29: 17, January 25, 1916.

236907. Adult male. Near Imienpo (on the Harbin-Vladivostok railway at lat. 45° N., long. 128° E.), Kirin Province, Manchuria. October 14, 1914. Collected by Arthur de C. Sowerby. Original number 243.

Tetrastes bonasia vicinitas Riley

Proc. Biol. Soc. Washington 28: 161, September 21, 1915.

120574. Adult male. Hakodate, Hokkaido Island, Japan. November 22, 1883. Collected by Harry V. Henson. Original number 59.

Tetrastes sewerzowi secunda Riley

Auk 42 (3) : 423, July 6, 1925.

277457. Adult male. U Long Kong (at elev. 12,000 feet), about 10 miles from Tatsienlu, Szechwan Province, China. July 28, 1923. Collected by David C. Graham.

Genus BONASA Stephens

Bonasa umbellus phaios Aldrich and Friedmann

Condor 45 (3) : 98, May 24, 1943.

=*Bonasa umbellus phaia* Aldrich and Friedmann. See Friedmann, Birds of North and Middle America 10: 178–179, 1946.

158052. Adult male (gray phase). Priest River, Bonner County, Idaho. October 9, 1897. Collected by Robert T. Young. Original number 324. Received from the U.S. Fish and Wildlife Service.

Bonasa umbellus incanus Aldrich and Friedmann

Condor 45 (3) : 99, May 24, 1943.

=*Bonasa umbellus incana* Aldrich and Friedmann. See Friedmann, Birds of North and Middle America 10: 179–182, 1946.

155869. Adult male (brown phase). Barclay, Salt Lake County, Utah. May 1, 1897. Collected by Edward A. Preble. Original number 253. Received from the U.S. Fish and Wildlife Service.

Bonasa umbellus castaneus Aldrich and Friedmann

Condor 45 (3) : 95, May 24, 1943.

=*Bonasa umbellus castanea* Aldrich and Friedmann. See Friedmann, Birds of North and Middle America 10: 169–170, 1946.

157949. Adult male (brown phase). Olympic Mountains on the Soleduck River (at elev. 1,200 feet), Clallam County, Washington. August 29, 1897. Collected by Vernon O. Bailey. Original number 439. Received from the U.S. Fish and Wildlife Service.

Bonasa umbellus affinis Aldrich and Friedmann

Condor 45 (3) : 97, May 24, 1943.

95021. Adult male (gray phase). Fort Klamath, Klamath County, Oregon. October 28, 1882. Collected by Charles E. Bendire. Original number 254.

Genus PEDIOECETES Baird

Pedioecetes phasianellus caurus Friedmann

Journ. Washington Acad. Sci. 33: 190, June 15, 1943.

298189. Adult male. Fairbanks, central Alaska. October 14 (not 19), 1921. Collected by Olaus J. Murie. Original number 2666. Received from the U.S. Fish and Wildlife Service.

Pediocœtes Kennicotti *Suckley*

Proc. Acad. Nat. Sci. Philadelphia, p. 361 (not earlier than November 26), 1861.

=*Pedioecetes phasianellus kennicotti* (Suckley). See Friedmann, Journ. Washington Acad. Sci. 33: 191, 1943.

22869. Adult (sex not indicated). Fort Rae (on the eastern shore of the North Arm of Great Slave Lake), Mackenzie District, Northwest Territories, Canada. November 15, 1860. Collected by Lawrence Clarke, Jr. Original number 102.

Museum records show that Suckley must have seen literally dozens of examples of this bird from Fort Rae and Big Island, but almost all have vanished without trace. The present specimen (now mounted in the exhibition collection) was entered into the museum register some time between October 26 and December 26, 1861, and is probably one of the cotypes.

Pediœcetes phasianellus campestris Ridgway

Proc. Biol. Soc. Washington 2: 93, April 10, 1884.

76743. Adult male. Illinois. 1847. Received from the American Museum of Natural History (from the Daniel Giraud Elliott Collection?).

Ridgway based this form upon two specimens, one of which, No. 19173, from Montana, is now considered to be an example of *Pedioecetes phasianellus jamesi* Lincoln.

Genus TYMPANUCHUS Gloger

Tympanuchus attwateri Bendire

Forest and Stream 40: 425, May 18, 1893.

=*Tympanuchus cupido attwateri* Bendire. See Friedmann, Birds of North and Middle America 10: 217–218, 1946.

128480. Adult male. Refugio County, Texas. March 27, 1893. Collected by Henry P. Attwater.

128481. Adult female. Twenty-five miles northeast of Rockport, Aransas County, Texas. April 25, 1893. Collected by Henry P. Attwater.

Cupidonia cupido, var. pallidicincta Ridgway

in Baird and Ridgway, Bull. Essex Inst. 5: 199, December 1873.

=*Tympanuchus pallidicinctus.* (Ridgway). See Friedmann, Birds of North and Middle America 10: 219–222, 1946.

10007. Adult male. Prairies of Texas, near lat. 32° N.; probably "not far from the Clear Fork of the Brazos River near the site of the present town of Abilene," Taylor County, Texas (*fide* Bailey, Birds of New Mexico, p. 208, 1928). 185–. Pacific Railroad Survey, Line of the 32nd Parallel, East.

10005. Adult female. Other data as above.

The original labels are missing, and those now borne by the specimens are of the modern period (one written in Riley's hand).

Ridgway suggested at the first description that the birds may have come from the Llanos Estacados of Texas and New Mexico; his surmise was probably based upon mention of the species' occurrence in those districts by Captain Charles L. Taplin (see Bailey, *loc. cit.*).

Genus CENTROCERCUS Swainson

Centrocercus urophasianus phaios Aldrich

Proc. Biol. Soc. Washington 59: 129, October 25, 1946.

259861. Adult male. Fremont, Lake County, Oregon. August 21, 1914. Collected by Luther J. Goldman. Original number 106. Received from the U.S. Fish and Wildlife Service.

Family PHASIANIDAE: Quails, Pheasants, Peacocks

Genus DENDRORTYX Gould

Dendrortyx macroura diversus Friedmann

Journ. Washington Acad. Sci. 33: 273, September 8, 1943.

155936. Adult (male?). San Sebastián, northwest of Mascota, State of Jalisco, México. March 28, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3984. Received from the U.S. Fish and Wildlife Service.

Dendrortyx macrourus griseipectus Nelson

Auk 14 (1) : 44, January 1897.

=*Dendrortyx macroura griseipectus* Nelson. See Friedmann, Journ. Washington Acad. Sci. 33: 272–273, 1943.

155560. Adult male. Huitzilac, State of Morelos, México. December 30, 1892. Collected by Edward W. Nelson. Original number 628. Received from the U.S. Fish and Wildlife Service.

Dendrortyx macrourus striatus Nelson

Auk 14 (1) : 44, January 1897.

=*Dendrortyx macroura striatus* Nelson. See Friedmann, Birds of North and Middle America 10: 247–248, 1946.

155567. Adult female. Mountains near Chilpancingo, State of Guerrero, México. December 24, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2436. Received from U.S. Fish and Wildlife Service.

Dendrortyx macrourus dilutus Nelson

Auk 17 (3) : 254, July 1900.

=*Dendrortyx macroura striatus* Nelson. See Friedmann, Birds of North and Middle America 10: 247–248, 1946.

155562. Adult male. Pátzcuaro, State of Michoacán, México. August 2, 1892. Collected by Edward W. Nelson. Original number 290. Received from the U.S. Fish and Wildlife Service.

Dendrortyx oaxacæ Nelson

Auk 14 (1): 43, January 1897.

=*Dendrortyx macroura oaxacae* Nelson. See Friedmann, Birds of North and Middle America 10: 248, 1946.

155565. Adult male. Totontepec, State of Oaxaca, México. July 24, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2227. Received from the U.S. Fish and Wildlife Service.

Genus OREORTYX Baird

Oreortyx picta palmeri Oberholser

Auk 40 (1): 84, January 10, 1923.

=*Oreortyx pictus palmeri* Oberholser. See A.O.U. Checklist of North American birds, ed. 5, p. 144, 1957.

140847. Adult male. Yaquina, Lincoln County, Oregon. December 7, 1893. Collected by Clark P. Streator. Received from the U.S. Fish and Wildlife Service.

Genus LOPHORTYX Bonaparte

Lophortyx californicus brunnescens Ridgway

Proc. Biol. Soc. Washington 2: 94, April 10, 1884.

2829. Adult male. "Santa Barbara"=San Francisco, San Francisco County, California. "March 6, 1837." Collected by "John K. Townsend." Received from Spencer F. Baird, who acquired it from John J. Audubon.

2830. Adult female. Received from Spencer F. Baird, who acquired it from John J. Audubon.

For a thorough discussion of No. 2829, see Grinnell, *op. cit.*, pp. 269–270.

Callipepla californica vallicola Ridgway

Proc. U.S. Nat. Mus. 8: 355, September 17, 1885.

=*Lophortyx californicus californicus* (Shaw). See Grinnell, Condor 33: 37, 1931; A.O.U. Checklist of North American birds, ed. 5, p. 142, 1957.

Condor 33: 37, 1931.

91763. Adult male. Baird, Shasta County, California. May 5, 1883. Collected by Charles H. Townsend. Original number 19.

91766. Adult male. Baird, Shasta County, California. May 10, 1883. Collected by Charles H. Townsend. Original number 24.

91767. Adult male. Baird, Shasta County, California. May 24, 1883. Collected by Charles H. Townsend. Original number 67.

91769. Adult male. Baird, Shasta County, California. May 5, 1883. Collected by Charles H. Townsend. Original number 21.

91770. Adult female. Baird, Shasta County, California. May 10, 1883. Collected by Charles H. Townsend. Original number 25.

91771. Adult female. Baird, Shasta County, California. May 24, 1883. Collected by Charles H. Townsend. Original number 66.

91772. Adult female. Baird, Shasta County, California. April 26, 1883. Collected by Charles H. Townsend. Original number 8.

91773. Adult male. Baird, Shasta County, California. April 26, 1883. Collected by Charles H. Townsend. Original number 7.

91971. Adult male. Baird, Shasta County, California. July 7, 1883. Collected by Charles H. Townsend. Original number 251.

91972. Adult female. Baird, Shasta County, California. June 30, 1883. Collected by Charles H. Townsend. Original number 222.

95112. Adult female. Baird, Shasta County, California. November 16, 1883. Collected by Charles H. Townsend. Original number 498.

95113. Adult female. Baird, Shasta County, California. November 16, 1883. Collected by Charles H. Townsend. Original number 499.

This form was based upon birds "from the interior valleys of California," without mention of a specific locality. In 1910 (A.O.U., Checklist of North American birds, ed. 3, p. 136), Baird, Shasta County, was first given as restricted type locality, and, perhaps at the same period, No. 91767 was set aside by Richmond as the type (see Grinnell Univ. California Publ. Zool. 38: 269, 1932). However, since all birds of the original series from the type locality must be considered equivalent cotypes, no less than 13 specimens are concerned, of which 12 are here listed. The remaining example, No. 91764, was sent to Ludwig Molnár on September 2, 1893; its present whereabouts is unknown.

Callipepla gambeli fulvipectus Nelson

Auk 16 (1): 26, January 1899.

=*Lophortyx gambelii fulvipectus* (Nelson). See Friedmann, Birds of North and Middle America 10: 296, 1946.

164093. Adult male. Camoa, on the Río Mayo, State of Sonora, México. November 7, 1898. Collected by Edward A. Goldman. Original number 5959. Received from the U.S. Fish and Wildlife Service.

Lophortyx gambelii sanus Mearns

Proc. Biol. Soc. Washington 27: 113, July 10, 1914.

=*Lophortyx gambelii sanus* Mearns. See Friedmann, Birds of North and Middle America 10: 297, 1946.

236328. Adult male. Olathe, Montrose County, Colorado. December 20, 1912. Collected by C. S. Slocum. Received from the Colorado Museum of Natural History, where it was No. 1210.

Lophortyx gambelii ignoscens Friedmann

Journ. Washington Acad. Sci. 33: 371, December 15, 1943.

9363. Adult (sex not indicated). San Elizario, El Paso County, Texas. December 1855. Collected by Caleb B. R. Kennerly. Original number 13. Mexican-United States International Boundary Commission.

Callipepla elegans bensoni Ridgway

Forest and Stream 28: 106, March 3, 1887.

=*Lophortyx douglasii bensoni* (Ridgway). See Friedmann, Birds of North and Middle America 10: 302–303, 1946.

110502. Adult male. "Campos"=about 18 miles north of Cumpas (*fide* Benson, *in epist.* February 11, 1887), State of Sonora, México. February 3, 1887. Collected by Harry C. Benson. Original number 9.

In the original description, Ridgway mentioned only that he had five specimens, but at a later date (Proc. U.S. Nat. Mus. 10: 148, July 2, 1887), he designated No. 110502 as the type.

Lophortyx douglasii impediita Friedmann

Journ. Washington Acad. Sci. 33: 369, December 15, 1943.

=*Lophortyx douglasii impeditus* Friedmann, *fide* Deignan (MS.).

157369. Adult male. San Blas, State of Nayarit, México. June 9, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4455. Received from the U.S. Fish and Wildlife Service.

Lophortyx douglasii teres Friedmann

Journ. Washington Acad. Sci. 33: 369, December 15, 1943.

155943. Adult male. Las Palmas, State of Jalisco, México. March 31, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4025. Received from the U.S. Fish and Wildlife Service.

Genus COLINUS Goldfuss

Colinus virginianus aridus Aldrich

Proc. Biol. Soc. Washington 55: 67, June 25, 1942.

158456. Adult male. Jaumave, State of Tamaulipas, México. June 3, 1898. Collected by Edward W. Nelson and Edward A. Goldman. Original number 5508. Received from the U.S. Fish and Wildlife Service.

Colinus virginianus maculatus Nelson

Auk 16 (1): 26, January 1899.

158471. Adult male. Alta Mira, State of Tamaulipas, México. May 16, 1898. Collected by Edward W. Nelson and Edward A. Goldman. Original number 5357. Received from the U.S. Fish and Wildlife Service.

Ortyx graysoni Lawrence

Ann. Lyc. Nat. Hist. New York 8: 476 (not earlier than May 13), 1867.

=*Colinus virginianus graysoni* (Lawrence). See Friedmann, Birds of North and Middle America 10: 333–334, 1946.

42562. Adult male. Guadalajara, State of Jalisco, México. May 18— (entered into the museum register on October 25, 1866). Collected by Andrew J. Grayson. Original number 498.

Colinus graysoni nigripectus Nelson

Auk 14 (1): 47, January 1897.

=*Colinus virginianus nigripectus* Nelson. See Friedmann, Birds of North and Middle America 10: 334–335, 1946.

155522. Adult male. Atlixco, State of Puebla, México. August 9, 1893. Collected by Edward W. Nelson. Original number 1460. Received from the U.S. Fish and Wildlife Service.

Colinus godmani Nelson

Auk 14 (1): 45, January 1897.

=*Colinus virginianus godmani* Nelson. See Friedmann, Birds of North and Middle America 10: 336–337, 1946.

155493. Adult male. Jaltipán, State of Vera Cruz, México. May 2, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3719. Received from the U.S. Fish and Wildlife Service.

Colinus minor Nelson

Auk 18 (1): 47, January 1901.

=*Colinus virginianus minor* Nelson. See Friedmann, Birds of North and Middle America 10: 337–338, 1946.

166362. Adult male. Palenque, State of Chiapas, México. May 18 (not June 1), 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7187. Received from the U.S. Fish and Wildlife Service.

Colinus insignis Nelson

Auk 14 (1): 46, January 1897.

=*Colinus virginianus insignis* Nelson. See Friedmann, Birds of North and Middle America 10: 338–339, 1946.

155516. Adult female. Nentón, Department of Huehuetenango, Guatemala. December 16, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3299. Received from the U.S. Fish and Wildlife Service.

Colinus salvini Nelson

Auk 14 (1): 45, January 1897.

=*Colinus virginianus salvini* Nelson. See Friedmann, Birds of North and Middle America 10: 341–342, 1946.

155503. Adult male. Tapachula, State of Chiapas, México. March 10, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3634. Received from the U.S. Fish and Wildlife Service.

Colinus nigrogularis coffini Nelson

Proc. Biol. Soc. Washington 45: 170, October 11, 1932.

=*Colinus nigrogularis nigrogularis* (Gould). See Van Tyne and Trautman, Occas. Papers Mus. Zool. Univ. Michigan 439: 2–4, 1941.

302329. Adult male. La Libertad, Department of El Petén, Guatemala. September 10, 1923. Collected by Harry Malleis. Original number 1115. Received from the U.S. Fish and Wildlife Service.

Colinus nigrogularis segoviensis Ridgway

Proc. U.S. Nat. Mus. 10: 593, September 19, 1888.

=*Colinus nigrogularis nigrogularis* (Gould). See Van Tyne and Trautman, Occas. Papers Mus. Zool. Univ. Michigan 439: 2–4, 1941.

112249. Adult male. Río Segovia, Honduras or Nicaragua (the south bank is Nicaragua, and the north bank, except at the mouth, is contested territory). July 22, 1887. Collected by Charles H. Townsend. Original number 2040.

Eupsychortyx pallidus Richmond

in Robinson and Richmond, Proc. U.S. Nat. Mus. 18: 657, August 12, 1896.

=*Colinus cristatus mocquerysi* (Hartert). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 259, 1942.

151636. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 2, 1895. Collected by Wirt Robinson. Original number 384.

Genus ODONTOPHORUS Vieillot

Odontophorus consobrinus Ridgway

Proc. U.S. Nat. Mus. 16: 469, July 21, 1893.

=*Odontophorus guttatus* (Gould). See Friedmann, Birds of North and Middle America 10: 373–377, 1946.

44732. Adult female. Hacienda "Mirador" (near Huatusco, west of Veracruz), State of Vera Cruz, México. April 5, 18— (entered into the museum register on December 4, 1861). Collected by Florentín Sartorius. Original number 278.

Genus DACTYLORTYX Ogilvie-Grant

Dactylortyx thoracicus sharpei Nelson

Proc. Biol. Soc. Washington 16: 152, November 30, 1903.

167737. Adult male. Apazote, State of Campeche, México. December 31, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7421. Received from the U.S. Fish and Wildlife Service.

Dactylortyx devius Nelson

Proc. Biol. Soc. Washington 12: 68, March 24, 1898.

=*Dactylortyx thoracicus devius* Nelson. See Friedmann, Birds of North and Middle America 10: 383–384, 1946.

155938. Adult male. San Sebastián, northwest of Mascota, State of Jalisco, México. March 17, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3905. Received from the U.S. Fish and Wildlife Service.

Dactylortyx chiapensis Nelson

Proc. Biol. Soc. Washington 12: 66, March 24, 1898.

=*Dactylortyx thoracicus chiapensis* Nelson. See Friedmann, Birds of North and Middle America 10: 386–387, 1946.

155539. Adult male. San Cristóbal Las Casas, State of Chiapas, México, September 25, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3124. Received from the U.S. Fish and Wildlife Service.

Genus CYRTONYX Gould

Cyrtonyx montezumæ mearnsi Nelson

Auk 17 (3) : 255, July 1900.

142385. Adult male. Fort Huachuca, Cochise County, Arizona. April 30, 1892. Collected by Albert K. Fisher. Original number 15. Received from the U.S. Fish and Wildlife Service.

Cyrtonyx merriami Nelson

Auk 14 (1) : 48, January 1897.

=*Cyrtonyx montezumae merriami* Nelson. See Friedmann, Birds of North and Middle America 10: 398–399, 1946.

155543. Adult male. Mount Orizaba, State of Vera Cruz, México. March 21, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 1830. Received from the U.S. Fish and Wildlife Service.

Cyrtonyx Sumichrasti Lawrence

Ann. New York Acad. Sci. 1: 51, December 1877.

=*Cyrtonyx ocellatus* (Gould). See Friedmann, Birds of North and Middle America 10: 400–403, 1946.

76983. Adult male. Santa Efigenia, "a *hacienda* thirty leagues or so south of Tehuantepec, at the foot of the Cerro de la Gineta, and on the border of the State of Chiapas" (*fide* Sumichrast, *in* Lawrence, U.S. Nat. Mus. Bull. 4: 6, 1876), State of Oaxaca, México. February 1877. Collected by Adrien L. F. Sumichrast. Original number 217.

Lawrence published a translation of Sumichrast's description in advance of receipt of the specimen; the type was not entered into the museum register until January 14, 1879.

Genus FRANCOLINUS Stephens

Francolinus grantii delutescens Mearns

Smithsonian Misc. Coll. 56 (20) : 3, April 17, 1911.

=*Francolinus sephaena grantii* Hartlaub. See Friedmann, U.S. Nat. Mus. Bull. 153: 107, 1930.

214748. Adult male. "On a high, wooded hill at the base of Mount Kenia, west of the camp on the N'joro or Kasorongai River, altitude 7000 feet," Kenya Colony. October 19, 1909. Collected by Edgar A. Mearns. Original number 17172. Smithsonian African Expedition.

Francolinus africanus fricki Friedmann

Journ. Washington Acad. Sci. 18: 408, Aug. 19, 1928.

=*Francolinus africanus ellenbecki* Erlanger. See Friedmann, U.S. Nat. Mus. Bull. 153: 113–114, 1930.

243201. Adult male. Arussi Plateau (elev. 10,500 feet), Ethiopia. February 18, 1912. Collected by Edgar A. Mearns. Original number 20301. Childs Frick African Expedition.

Francolinus africanus friedmanni Grant and Mackworth-Praed

Bull. Brit. Orn. Club 55: 16, October 30, 1934.

243203. Adult female. Bodessa, southwestern Ethiopia. May 21, 1912. Collected by Edgar A. Mearns. Original number 21866. Childs Frick African Expedition.

Francolinus grisescens Mearns

Smithsonian Misc. Coll. 56 (20) : 3, April 17, 1911.

=*Francolinus icterorhynchus dybowskii* Oustalet. See Peters, Checklist of birds of the world 2: 78–79, 1934.

216223. Adult female. Lokko Vegga (not Lokko Zegga), Mongalla Province, Anglo-Egyptian Sudan (not Uganda Protectorate). February 13, 1910. Collected by Edgar A. Mearns. Original number 18407. Smithsonian African Expedition.

In the original description, Mearns defined his material as "six females from the upper Bahr el Jebel, near Lake Albert." While five came from Rhino Camp (on the White Nile at lat. 2°55′ N.) and are thus from the Uganda Protectorate, the actual type came from Lokko Vegga, a spot not shown on ordinary maps, but evidently located just north of the modern boundary between Uganda and the Anglo-Egyptian Sudan. That this deduction is correct is implied by the fact that Jackson (Birds of Kenya Colony and the Uganda Protectorate, 1938) ignores the locality and treats Mearns' race as extralimital.

Francolinus hildebrandti helleri Mearns

Proc. U.S. Nat. Mus. 48: 381, January 19, 1915.

217550. Adult male. Mount Lololokui, at elev. 6,000 feet ("twenty miles north-west of Archer's Post, near Uraguess, Northern Frontier," *fide* Jackson, Birds of Kenya Colony and the Uganda Protectorate 1: xxxii, 1938), Kenya Colony. September 21, 1911. Collected by Edmund Heller. Original number 382. Rainey African Expedition, 1911.

Francolinus schuetti maranensis Mearns

Smithsonian Misc. Coll. 56 (14) : 1, December 23, 1910.

=*Francolinus squamatus maranensis* Mearns. See Friedmann, U.S. Nat. Mus. Bull. 153: 120, 1930.

117819. Adult male. "Maranu"=Marangu (elev. 5,000 feet), Mount Kilimanjaro, Tanganyika Territory. April 5, 1888. Collected by William L. Abbott.

Francolinus schuetti kapitensis Mearns

Smithsonian Misc. Coll. 56 (14) : 2, December 23, 1910.

=*Francolinus squamatus maranensis* Mearns. See Friedmann, U.S. Nat. Mus. Bull. 153: 120, 1930.

213421. Adult (sex not indicated). Juja Farm, near the Athi River, elev. about 4,200 feet ("about thirty miles north-east of Nairobi," *fide*

Jackson, Birds of Kenya Colony and the Uganda Protectorate 1: xxviii, 1938), Kenya Colony. May 24, 1909. Collected by John A. Loring. Original number 111. Smithsonian African Expedition.

Francolinus schuetti keniensis Mearns

Smithsonian Misc. Coll. 56 (14) : 2, December 23, 1910.

=*Francolinus squamatus maranensis* Mearns. See Friedmann, U.S. Nat. Mus. Bull. 153: 120, 1930.

214739. Adult male. Nyeri (elev. 5,943 feet), at the base of Mount Kenya, Kenya Colony. September 16, 1909. Collected by Edgar A. Mearns. Original number 16828. Smithsonian African Expedition.

Genus PTERNISTIS Wagler

Pternistes leucoscepus kilimensis Mearns

Smithsonian Misc. Coll. 56 (20) : 2, April 17, 1911.

=*Pternistis leucoscepus infuscatus* Cabanis. See Peters, Checklist of birds of the world 2: 87, 1934.

117817. Adult female. Region of Mount Kilimanjaro, Tanganyika Territory. 1888 or 1889. Collected by William L. Abbott.

Pternistes leucoscepus keniensis Mearns

Smithsonian Misc. Coll. 56 (20) : 1, April 17, 1911.

=*Pternistis leucoscepus keniensis* Mearns. See Friedmann, U.S. Nat. Mus. Bull. 153: 127, 1930.

214721. Adult male. "On the west slope of Mount Kenia, on the N'joro or Kasorongai River" (at elev. 6,500 feet), Kenya Colony. October 18, 1909. Collected by Edgar A. Mearns. Original number 17164. Smithsonian African Expedition.

Genus PERDIX Brisson

Perdix daurica turcomana Stolzmann

Bull. Soc. Imp. Nat. Moscou (new ser.) 11: 79, 1898.

=*Perdix barbata turcomana* Stolzmann. See Peters, Checklist of birds of the world 2: 89, 1934.

159722. Adult male. Gulcha (elev. 6,000 feet), Kirghiz S.S. Republic, U.S.S.R. December 5, 1894. Collected by Thomas Barey. Received from the Branicki Museum, Warsaw.

This form was based upon a series of five males and one female from Gulcha in what is now the Kirghiz S.S. Republic (not Kulja in Sinkiang). Formal description did not appear before 1898, while the bird here listed was entered into the museum register as early as June 23, 1897, but its claim to cotypeship is confirmed by the fact that, in correspondence between Stolzmann and Ridgway, the name *turcomana* occurred as early as April 1897. Our specimen must then have formed part of the series at the time the name *turcomana* was first set in MS. The oldest label bears the name "Perdix daurica (Pall.)" in Stolzmann's hand, to which, on or about June 23, 1897, Richmond added "turcomana Stolz."

Stolzmann and Domaniewski have established No. P. 2279 of the Polish Museum of Natural History as a lectotype (Ann. Zool. Mus. Polon. Hist. Nat. 6: 101, 1927); their action does not invalidate the status of our specimen as a cotype.

Genus EXCALFACTORIA Bonaparte

Excalfactoria trinkutensis Richmond

Proc. U.S. Nat. Mus. 25: 310, September 17, 1902.

=*Excalfactoria chinensis trinkutensis* Richmond. See Stuart Baker, Fauna of British India, Birds, ed. 2, 5: 371, 1928.

178575. Adult female. Trinkat Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. February 4, 1901. Collected by William L. Abbott.

Excalfactoria chinensis palmeri Riley

Proc. Biol. Soc. Washington 32: 93, May 20, 1919.

219195. Adult male. Daru, Bantam Residency, West Java. June 20, 1909. Collected by William Palmer. Original number 1000. Bryant Java Expedition.

Genus ARBOROPHILA Hodgson

Arborophila diversa Riley

Proc. Biol. Soc. Washington 43: 189, November 29, 1930.

=*Arborophila cambodiana* Delacour and Jabouille, *fide* Deignan, MS.

324093. Adult male. Khao Sa Bap (lat. 12°35′ N., long. 102°15′ E.), near Chanthaburi, southeastern Siam. January 8, 1930. Collected by Hugh McC. Smith. Original number 3630.

Genus ITHAGINIS Wagler

Ithaginis rocki Riley

Proc. Biol. Soc. Washington 38: 9, January 27, 1925.

=*Ithaginis cruentus rocki* Riley. See Rothschild, Nov. Zool. 33: 213, 1926.

296085. Adult male. Mountains of Hofuping, Mekong Watershed, northwestern Yunnan Province, China. November 1923. Collected by Joseph F. C. Rock. Original number 1351.

Genus PHASIANUS Linnaeus

Phasianus karpowi buturlini Clark

Proc. U.S. Nat. Mus. 32: 468, June 15, 1907.

=*Phasianus colchicus karpowi* Buturlin. See Orn. Soc. Japan, Handlist of the Japanese birds, rev., p. 164, 1932.

114627. Adult male. Tsushima, an island in the Korea Strait, Nagasaki Prefecture, Japan. May 21, 1885. Collected by Pierre L. Jouy. Original number 1514.

Family MELEAGRIDIDAE: Turkeys

Genus MELEAGRIS Linnaeus

Meleagris gallopavo merriami Nelson

Auk 17 (2): 120, April 1900.

165898. Adult male. Mountains of Coconino County, Arizona, 47 miles southwest of Winslow, Navajo County, Arizona. January 9, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 6654. Received from the U.S. Fish and Wildlife Service.

Order GRUIFORMES: Cranes, Rails, and Allies

Family TURNICIDAE: Hemipodes

Genus TURNIX Bonnaterre

Turnix suluensis Mearns

Proc. Biol. Soc. Washington 18: 83, February 21, 1905.

=*Turnix sylvatica suluensis* Mearns. See Peters, Checklist of birds of the world 2: 144, 1934.

191433. Adult female. "Jolo, island of Sulu"=Joló, Joló Island, Sulú Province, Philippine Islands. November 25, 1903. Collected by Edgar A. Mearns. Original number 13141.

Turnix suscitator thai Deignan

Journ. Washington Acad. Sci. 36 (11): 390, November 20, 1946.

332637. Adult female. Nong (or Bung) Boraphet (lat. 15°43′ N., long. 100°14′ E.), near Ban Pak Nam Pho, central Siam. March 24, 1933. Collected by Hugh McC. Smith. Original number 6195.

Turnix suscitator machetes Deignan

Journ. Washington Acad. Sci. 36 (11): 391, November 20, 1946.

=*Turnix suscitator kuiperi* Chasen, *fide* Deignan (MS.).

181157. Adult female. Siak River, east-central Sumatra. December 20, 1906. Collected by William L. Abbott.

Family GRUIDAE: Cranes

Genus GRUS Pallas

Grus fraterculus "Cassin" Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xlv, 656, 1858.

=*Grus canadensis canadensis* (Linnaeus). See Friedmann, Birds of North and Middle America 9: 14, 19, 1941.

10378. Immature (sex not indicated). Albuquerque, Bernalillo County, New Mexico. October 1853. Collected by Heinrich B. Möllhausen. Pacific Railroad Survey, Line of the 35th Parallel.

Family RALLIDAE: Rails, Coots, Gallinules

Genus RALLUS Linnaeus

Rallus luridus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 223, "pl. LXIII, fig. 1," 1848.

=*Rallus sanguinolentus luridus* Peale. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 318, 1942.

15423. Adult (sex not indicated). Orange Bay (the southwestern extension of Nassau Bay, between Hardy Peninsula of Hoste Island and Burnt Island of the Wollaston Group), Territory of Magallanes, Chile. 1839. Original number 621. U.S. Exploring Expedition (1838–1842).

15425. Subadult (sex not indicated). Orange Bay, Territory of Magallanes, Chile. 1839. Original number 621. U.S. Exploring Expedition (1838–1842).

No. 15423 was sent to the Chicago Academy of Sciences on January 28, 1881, and was returned to the U.S. National Museum in 1919.

Rallus elegans, var. obsoletus Ridgway

Amer. Naturalist 8: 111, February 1874.

=*Rallus longirostris obsoletus* Ridgway. See Oberholser, Proc. U.S. Nat. Mus. 84: 340, 1937.

6444. Adult (sex not indicated). San Francisco, San Francisco County, California. March 1857. Collected by George Suckley. Original number 603.

Rallus beldingi Ridgway

Proc. U.S. Nat. Mus. 5: 345, September 11, 1882.

=*Rallus longirostris beldingi* Ridgway. See Oberholser, Proc. U.S. Nat. Mus. 84: 338, 1937.

86419. Adult female. Espíritu Santo Island (lat. 24°30′ N.), off the eastern coast of the State of Baja California, México. February 1, 1882. Collected by Lyman Belding.

Rallus elegans var. tenuirostris "Lawrence" Ridgway

Amer. Naturalist 8: 111, February 1874.

=*Rallus longirostris tenuirostris* Ridgway. See Oberholser, Proc. U.S. Nat. Mus. 84: 336, 1937.

52849. Adult (sex not indicated). Valley of México. Entered into the museum register on November 4, 1868. Collected by Andrew J. Grayson. Original number 552.

Richmond (MS.) points out that, while Ridgway says "Type, from city of Mexico, in cabinet of Mr. Lawrence," Lawrence's bird can only be the "type" of a manuscript name; the specimen here listed is the one actually described by Ridgway and is therefore the only real type.

Rallus longirostris helius Oberholser

Proc. Biol. Soc. Washington 33: 33, July 24, 1920.

=*Rallus longirostris insularum* W. S. Brooks. See Oberholser, Proc. U.S. Nat. Mus. 84: 348, 1937.

255254. Adult male. Sixth key in the New Found Harbor group, southwest of Big Pine Key, Monroe County, Florida. May 12, 1919. Collected by Paul Bartsch.

[Rallus longirostris] *c.* var. caribæus Ridgway

Bull. Nuttall Orn. Club 5 (3) : 140, July 1880.

=*Rallus longirostris caribaeus* Ridgway. See Oberholser, Proc. U.S. Nat. Mus. 84: 334, 1937.

22222. Adult male. Near Spanish Town, St. Catherine Parish, Middlesex County, Jamaica. Entered into the museum register on May 30, 1861. Collected by William T. March.

22225. Adult female. Near Spanish Town, St. Catherine Parish, Middlesex County, Jamaica. Entered into the museum register on May 30, 1861. Collected by William T. March.

This form was described simply as from the "West Indies." On April 12, 1906, Ridgway informed Richmond that he "thought" the type was from Jamaica, and Jamaica has been in any case generally accepted as the type locality. Richmond selected No. 22222 as the type, but that specimen has no better claim than No. 22225, with the same data and received in Washington at the same time. No. 22224 was sent to Buenos Aires more than eight years before the race was named. No. 22223 may have been a cotype, but it has vanished without trace.

Rallus longirostris vafer Wetmore

Proc. Biol. Soc. Washington 41: 121, June 29, 1928.

252915. Adult male. Étroites, Île de la Gonave, Haiti. March 18, 1920. Collected by William L. Abbott.

Rallus longirostris limnetis Oberholser

Proc. U.S. Nat. Mus. 84: 326, June 30, 1937.

232261. Adult male. Punta Picua, near Mameyes, Río Grande Municipality, northeastern Puerto Rico. February 12, 1912. Collected by Alexander Wetmore. Original number 1225. Received from the U.S. Fish and Wildlife Service.

Rallus longirostris manglecola Danforth

Proc. Biol. Soc. Washington 47: 19, February 9, 1934.

334249. Adult male. Five Islands, off Antigua Island, Leeward Islands, Caribbean Sea. August 10, 1933. Collected by Stuart T. Danforth. Original number 1005. Received from Stuart T. Danforth.

Rallus longirostris phelpsi Wetmore

Proc. Biol. Soc. Washington 54: 203, December 8, 1941.

368583. Adult male. La Laguna de Tucacas, at Puerto López, Comisaría de La Guajira, Colombia. April 23, 1941. Collected by

Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11567.

Rallus elegans ramsdeni Riley

Proc. Biol. Soc. Washington 26: 83, March 22, 1913.

233478. Adult male. San Carlos, near Guantánamo, Oriente Province, Cuba. May 4, 1910. Collected by Charles T. Ramsden.

Rallus jouyi or **Hypotænidia jouyi** Stejneger

Proc. U.S. Nat. Mus. 9: 362, February 10, 1887.

=*Rallus striatus jouyi* Stejneger. See Ripley, Bull. Mus. Comp. Zool. 94: 327, 1944.

85751. Adult male. Shanghai, Kiangsu Province, China. July 5, 1881. Collected by D. C. Jansen. Received from Pierre L. Jouy, who acquired it from the Shanghai Museum. Jouy's original number 72.

Hypotaenidia striata reliqua Oberholser

Proc. U.S. Nat. Mus. 55: 476, June 5, 1919.

=*Rallus striatus gularis* Horsfield. See Ripley, Bull. Mus. Comp. Zool. 94: 327, 1944.

179013. Adult female. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 12, 1901. Collected by William L. Abbott.

Hypotaenidia striata paraterma Oberholser

Journ. Washington Acad. Sci. 14: 295, July 19, 1924.

=*Rallus striatus striatus* Linnaeus. See Peters, Checklist of birds of the world 2: 163 (footnote 2), 1934.

161078. Adult female. Sámar Island, Philippine Islands. April 18, 1888. Collected by Frank S. Bourns. Received from Dean C. Worcester.

Genus DRYOLIMNAS Bowdler Sharpe

Rougetius abbotti Ridgway

Auk 11 (1): 74, January 1894.

=*Dryolimnas cuvieri abbotti* (Ridgway). See Peters, Checklist of birds of the world 2: 170, 1934.

128826. Adult male. Assumption Island, Aldabra Islands, western Indian Ocean north of Madagascar. September 18, 1892. Collected by William L. Abbott.

Rougetius aldabranus Ridgway

Proc. U.S. Nat. Mus. 16: 598, August 16, 1893 (advance sheet).

=*Dryolimnas cuvieri aldabranus* (Günther). See Ridgway, Auk 11: 74, 1894; Peters, Checklist of birds of the world 2: 170, 1934.

128835. Adult male. Aldabra Island, Aldabra Islands, western Indian Ocean north of Madagascar. October 10, 1892. Collected by William L. Abbott.

Genus RALLINA G. R. Gray

Euryzonia sepiaria Stejneger

Proc. U.S. Nat. Mus. 10: 395, November 3, 1887.

=*Rallina eurizonoides sepiaria* (Stejneger). See Kuroda, Avifauna of the Riu Kiu Islands, p. 195, 1925.

110975. Adult female. "Yayeyama Island"=either Ishigaki Island or Iriomote Island (probably the former, *fide* Kuroda, *op. cit.*), southern Liu Kiu (Ryukyu) Islands, East China Sea. February 3, 1887. Collected by J. Nishi. Original number 19. Received from the Tokyo Educational Museum.

Genus ARAMIDES Pucheran

Aramides plumbeicollis Zeledón

Anales del Museo Nacional, Costa Rica 2: 3, 1888.

=*Aramides cajanea plumbeicollis* Zeledón. See Friedmann, Birds of North and Middle America 9: 119, 120, 1941.

113603. Adult male. Jiménez (a railway station at lat. 10°12′ N., long. 83°44′ W.), Province of Limón, Costa Rica. August 1887. Collected by Anastasio Alfaro. Original number 2071. Received from the Museo Nacional de Costa Rica.

Aramides cajanea morrisoni Wetmore

Proc. Biol. Soc. Washington 59: 50, March 11, 1946.

376059. Adult male. San José Island, Pearl Islands, Bay of Panamá. May 21, 1944. Collected by Joseph P. E. Morrison. Original number 160.

Genus NESOTROCHIS Wetmore

Nesotrochis debooyi Wetmore

Proc. U.S. Nat. Mus. 54: 516, pl. 82, figs. 1, 2, November 21, 1918.

225845. Right femur. Kitchen midden at Magen's Bay, Saint Thomas Island, Virgin Islands, Caribbean Sea. December 1916. Collected by Theodoor De Booy. Received from the Heye Foundation.

Genus PORZANA Vieillot

Porzana pusilla mira Riley

Proc. Biol. Soc. Washington 51: 95, May 19, 1938.

181740. Adult female. Tenggarong (on the Mahakam River at lat. 0°24′ S., long. 116°58′ E.), Borneo. June 25, 1912. Collected by Harry C. Raven. Original number 67.

Porzana flaviventris hendersoni Bartsch

Proc. Biol. Soc. Washington 30: 131, July 27, 1917.

=*Porzana flaviventer hendersoni* Bartsch. See Friedmann, Birds of North and Middle America 9: 147, 1941.

253731. Adult female. Trou Caïman, Haiti. April 4, 1917. Collected by Paul Bartsch. Original number 101.

Porzana phæopyga Stejneger

Proc. U.S. Nat. Mus. 10: 394, November 3, 1887.

=*Porzana fusca phaeopyga* Stejneger. See Peters, Checklist of birds of the world 2: 186, 1934.

110976. Adult male. "Yayeyama Island"=either Ishigaki Island or Iriomote Island (probably the former, *fide* Kuroda, Avifauna of the Riu Kiu Islands, p. 198, 1925), southern Liu Kiu (Ryukyu) Islands, East China Sea. February 3, 1887. Collected by J. Nishi. Original number 18. Received from the Tokyo Educational Museum.

Porzana vitiensis Hartlaub

Journ. für Orn. 2: 169 (not earlier than March), 1854.

Zapornia umbrina Cassin

Proc. Acad. Nat. Sci. Philadelphia 8: 254 (not earlier than October 28), 1856.

=*Porzana tabuensis vitiensis* Hartlaub. See Peters, Checklist of birds of the world 2: 187, 1934.

15720. Adult (sex not indicated). Ovalau Island (lat. 17°40′ S., long. 178°52′ E.), Fiji Islands, Oceania. 1840. Original number 622. U.S. Exploring Expedition (1838–1842).

Both *Porzana vitiensis* Hartlaub and *Zapornia umbrina* Cassin are new names for "*Zapornia spilonota*, Gould" of Peale 1848, not *Zapornia spilonota* Gould 1841.

Although Cassin referred to "specimens," his MS. list indicates that he had but one, and Peale himself said that "a single specimen was obtained at Ovolau."

Genus LATERALLUS G. R. Gray

Porzana Jamaicensis, var. coturniculus "Baird" Ridgway

Amer. Naturalist 8: 111, February 1874.

=*Laterallus jamaicensis coturniculus* (Ridgway). See Friedmann, Birds of North and Middle America 9: 157, 158, 1941.

12862. Immature (sex not indicated). Farallon Islands, San Francisco County, California. Entered into the museum register on October 13, 1859. Received from T. C. (not G.) Martin, of Lawrence, Massachusetts.

This type has been discussed by Brewster (Auk 24: 206–207, 1907), and by Grinnell (Univ. California Publ. Zool. 38: 271, 1932).

Creciscus murivagans Riley

Proc. Biol. Soc. Washington 29: 104, June 6, 1916.

=*Laterallus jamaicensis murivagans* (Riley). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 370, 1942.

159769. Adult male. Lima, Department of Lima, Perú. October 1, 1889. Collected by Jan Kalinowski. Original number 118. Received from the Branicki Museum, Warsaw.

Porzana exilis vagans Ridgway

Proc. U.S. Nat. Mus. 10: 595, September 19, 1888.

=*Laterallus exilis* (Temminck). See Friedmann, Birds of North and Middle America 9: 162, 164, 1941.

112255. Adult male. Río Segovia, Honduras or Nicaragua (the south bank is Nicaragua, and the north bank, except at the mouth, is contested territory). June 17, 1887. Collected by Charles H. Townsend. Original number 1959.

Porzana leucogastra Ridgway

in Nutting, Proc. U.S. Nat. Mus. 6: 408 (footnote), April 26, 1884.

=*Laterallus albigularis cinereiceps* (Lawrence). See Friedmann, Birds of North and Middle America 9: 164, 166, 1941.

91302. Adult male. Hacienda "Los Sábalos" (on the Río San Juan, *ca.* 30 miles from the east shore of Lake Nicaragua), Department of Chontales, Nicaragua. May 10, 1883. Collected by Charles C. Nutting. Original number 894.

Porzana cinereiceps Lawrence

Ann. Lyc. Nat. Hist. New York 11: 90, February 1875.

=*Laterallus albigularis cinereiceps* (Lawrence). See Friedmann, Birds of North and Middle America 9: 164, 166, 1941.

67904. Adult female. "Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). May 1, 1874. Collected by Juan Cooper. Original number 216. Received from William M. Gabb.

Porzana alfari [*sic*] Ridgway

Proc. U.S. Nat. Mus. 10: 111, July 2, 1887.

=*Laterallus albigularis albigularis* (Lawrence). See Friedmann, Birds of North and Middle America 9: 166, 168, 1941.

111456. Adult female. Las Trojas, Province of Guanacaste (or Puntarenas?), Costa Rica. February 1886. Collected by Anastasio Alfaro. Original number 605. Received from the Museo Nacional de Costa Rica.

Laterallus albigularis cerdaleus Wetmore

Proc. Biol. Soc. Washington 71: 1, April 11, 1958.

386782. Adult male. Mamotoco (four miles east of Santa Marta), Department of Magdalena, Colombia. January 3, 1946. Collected by Melbourne A. Carriker, Jr. Original number 7374.

Creciscus ruber tamaulipensis Nelson

Proc. Biol. Soc. Washington 39: 105, August 25, 1926.

=*Laterallus ruber tamaulipensis* (Nelson). See Friedmann, Birds of North and Middle America 9: 168, 1941.

299086. Adult male. "A marsh covering thousands of acres overgrown with cat-tail flags in a great fresh water lagoon near the Tamesí River at Alta Mira," State of Tamaulipas, México. March 8, 1926. Collected by Edward A. Goldman. Original number 16260. Received from the U.S. Fish and Wildlife Service.

Genus COTURNICOPS G. R. Gray

Porzana goldmani Nelson

Proc. Biol. Soc. Washington 17: 151, October 6, 1904.

=*Coturnicops noveboracensis goldmani* (Nelson). See Friedmann, Birds of North and Middle America 9: 179, 180, 1941.

193712. Adult? male. Lerma (about 10 miles east of Toluca), State of México, México. July 11, 1904. Collected by Edward A. Goldman. Original number 10994. Received from the U.S. Fish and Wildlife Service.

Genus SAROTHRURA Heine

Sarothrura loringi Mearns

Smithsonian Misc. Coll. 65 (13) : 8, November 26, 1915.

=*Sarothrura elegans loringi* Mearns. See Peters, Checklist of birds of the world 2: 196, 1934.

214680. Adult female. West side of Mount Kenya (at elev. 8,500 feet), Kenya Colony. October 13, 1909. Collected by John A. Loring. Original number 438 (original label) or 439 (museum label). Smithsonian African Expedition.

Genus AMAURORNIS Reichenbach

Amaurornis phoenicura cleptea Oberholser

Smithsonian Misc. Coll. 60 (7) : 2, October 26, 1912.

=*Amaurornis phoenicurus javanica* (Horsfield). See Ripley, Bull. Mus. Comp. Zool. 94: 327, 1944.

180786. Adult female. Mojeia River, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 11, 1905. Collected by William L. Abbott.

Genus GALLINULA Brisson

Gallinula sandvicensis Streets

Ibis (4) 1: 25, text-fig., January 1877.

=*Gallinula chloropus sandvicensis* Streets. See Peters, Checklist of birds of the world 2: 204, 1934.

67361. Adult (sex not indicated). Honolulu, Oahu Island, Hawaiian Islands, Oceania. February 1874. Collected by Thomas H. Streets.

Gallinula chloropus portoricensis Danforth

Auk 42 (4): 560, October 6, 1925.

=*Gallinula chloropus cerceris* Bangs. See Friedmann, Birds of North and Middle America 9: 190, 192, 1941.

313945. Adult male. Cartagena Lagoon (lat. 18°01′ N., long. 67°06′ W.), Puerto Rico. January 14, 1924. Collected by Stuart T. Danforth. Original number 17. Received from Cornell University Museum, where it was No. 2288.

Genus PORPHYRIO Brisson

Porphyrio vitiensis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 221, "pl. LXII, fig. 2," 1848.

=*Porphyrio porphyrio vitiensis* Peale. See Mayr, Birds of the Southwest Pacific, p. 129, 1945.

15406. Immature (sex not indicated). Ovalau Island (lat. 17°40′ S., long. 178°52′ E.), Fiji Islands, Oceania. 1840. Original number 611. U.S. Exploring Expedition (1838–1842).

15488. Immature (sex not indicated). Same data as No. 15406.

Peale stated that but two specimens of this form were obtained by the Expedition.

Porphyrio samoensis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 220, "pl. LXII, fig. 1," 1848.

=*Porphyrio porphyrio samoensis* Peale. See Mayr, Birds of the Southwest Pacific, p. 111, 1945.

15404. Adult (sex not indicated). Upolu Island (lat. 13°46′ S., long. 171°20′ W.), Samoan Islands, Oceania. Original number 610. U.S. Exploring Expedition (1838–1842).

15409. Adult (sex not indicated). Same data as No. 15404.

15413. Adult female. Same data as No. 15404.

While Cassin's MS. list indicates that he saw but four specimens, there are in fact entries for five in the museum register. No. 15485 was sent in 1870 to the Chicago Academy of Sciences; No. 15487 was sent long ago to the Boston Society of Natural History and is now No. 74364 of the Museum of Comparative Zoology.

Genus FULICA Linnaeus

Fulica alai Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 224, "pl. LXIII, fig. 2," 1848.

=*Fulica americana alai* Peale. See Peters, Checklist of birds of the world 2: 212, 1934.

15489. Adult (sex not indicated). Hawaiian Islands, Oceania. Original number 612. U.S. Exploring Expedition (1838–1842).

15497. Immature (sex not indicated). Hawaiian Islands, Oceania. Original number 612. U.S. Exploring Expedition (1838–1842).

Peale referred to four specimens, but only three were ever entered into the museum register, and Cassin's MS. list indicates that he saw but three. No. 15715 was sent long ago to the Boston Society of Natural History and is now preserved at the Museum of Comparative Zoology (where it is No. 74363).

Fulica americana grenadensis Riley

Proc. Biol. Soc. Washington 29: 103, June 6, 1916.

=*Fulica americana americana* Gmelin. See Bond, Checklist of birds of the West Indies, p. 32, footnote 24, 1940.

84849. Adult female. Île Ronde, just north of Grenada, Windward Islands, Caribbean Sea. May 9, 1881. Collected by John G. Wells. Original number 44.

Fulica caribæa Ridgway

Proc. U.S. Nat. Mus. 7: 358, October 3, 1884.

81020. Adult male. Saint John Island, Virgin Islands, Caribbean Sea. Entered into the museum register on October 23, 1880. Collected by Frederick A. Ober. Original number 80.

81021. Adult female. Saint John Island, Virgin Islands, Caribbean Sea. Entered into the museum register on October 23, 1880. Collected by Frederick A. Ober. Original number 78.

Ridgway's diagnosis was based upon three specimens from two localities and is so worded that all seem to be cotypes. However, of the three, only Nos. 81020 and 81021 bear on their labels (in Ridgway's hand) the word "Type," and since there is reason to believe that this was written at the time of description, No. 82492, from Guadeloupe, evidently ranked in Ridgway's mind as a mere paratype.

Fulica caribaea major Danforth

Auk 42 (4): 561, October 6, 1925.

=*Fulica caribaea* Ridgway. See Friedmann, Birds of North and Middle America 9: 222, 224, 1941.

313944. Adult male. Cartagena Lagoon (lat. 18°01′ N., long. 67°06′ W.), Puerto Rico. January 14, 1924. Collected by Stuart T. Danforth. Original number 16. Received from the Cornell University Museum, where it was No. 2291.

Order CHARADRIIFORMES: Shore-birds, Gulls, Auks

Family HAEMATOPODIDAE: Oyster-catchers

Genus HAEMATOPUS Linnaeus

Hæmatopus galapagensis Ridgway

Auk 3 (3): 331, July 1886.

=*Haematopus ostralegus galapagensis* Ridgway. See Peters, Checklist of birds of the world 2: 232, 1934.

101319. Adult (sex not indicated). Chatham Island, Galapagos Islands, eastern Pacific Ocean off Ecuador. August 16, 1884. Collected by William H. Jones. Original number 64.

Family CHARADRIIDAE: Plovers, Turnstones, Surf-birds

Genus BELONOPTERUS Reichenbach

Vanellus occidentalis Harting

Proc. Zool. Soc. London for 1874, pp. 450, 451, October 1874.

=*Belonopterus chilensis chilensis* (Molina). See Peters, Checklist of birds of the world 2: 236, 1934.

107085. Adult male. Chile. June 1871. Received from Henry Seebohm, who acquired it from J. E. Harting.

107086. Adult male. Chile. June 1872. Received from Henry Seebohm, who acquired it from J. E. Harting.

Harting had "a considerable number of specimens of the Lapwing of Chili," but the exact number cannot now be known. A specimen in the British Museum, *ex* Seebohm Collection, is listed as the type (Catalogue of the birds in the British Museum 24: 735, 1896), but its claim is no better than that of the birds in the U.S. National Museum. Each of these specimens bears Harting's private label, with a reference to the description of *occidentalis* cited above.

Genus STEPHANIBYX Reichenbach

Stephanibyx coronatus suspicax Friedmann

Proc. New England Zool. Club 10: 95, November 13, 1928.

243104. Adult male. Sadi Malka (at the point where the Jibuti-Addis Ababa railway crosses the Hawash River), Ethiopia. February 3, 1912. Collected by Edgar A. Mearns. Original number 20070. Childs Frick African Expedition (1911–1912).

Genus ZONIFER Bowdler Sharpe

Charadrius vanelloides Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 240, "pl. LXVII, fig. 1," 1848.

=*Zonifer tricolor* (Vieillot). See Mathews, Birds of Australia, suppl. 1, p. 34, 1920.

15368. Adult female. Argyle County, New South Wales. Original number 648. U.S. Exploring Expedition (1838–1842).

15369. Adult male. Argyle County, New South Wales. Original number 648. U.S. Exploring Expedition (1838–1842).

Genus CHARADRIUS Linnaeus

Ægialitis melodus, var. **circumcinctus** Ridgway

Amer. Naturalist 8: 109, February 1874.

=*Charadrius melodus circumcinctus* (Ridgway). See Oberholser, Bird life of Louisiana, Louisiana Dept. Cons. Bull., p. 216, 1938.

9035. Adult male. "Loup Fork, Platte Valley," Nebraska= the confluence of the Loup River with the Platte, where Platte, Polk, and Butler Counties meet. July 8, 18— (entered into the museum register on February 16, 1858). Collected by Ferdinand V. Hayden. Exploration of the Upper Missouri and Yellowstone.

The party spent more than one month in the general locality, and some specimens were labeled "on Loup Fork near Platte"; the type, however, was taken on the day of their arrival, and therefore came either from the Platte itself or from the very mouth of the Loup.

Ægialitis microrhynchus Ridgway

Amer. Naturalist 8: 109, February 1874.

=*Charadrius dubius curonicus* Gmelin. See Grinnell, Univ. California Publ. Zool. 38: 318, 1932.

39523. Adult (sex not indicated) in nonbreeding plumage. "San Francisco, Cal." Entered into the museum register on November 8, 1865. Collected by "E. F. Lorquin." Original number 54.

This was one of a large collection of birds from California, all bearing identical data. Since the form is otherwise unknown from the New World, Grinnell (*op. cit.*) doubts the authenticity of the type locality, pointing out that Lorquin was a dealer who may easily have obtained the specimen from an Old-World source.

Charadrius alexandrinus nihonensis Deignan

Journ. Washington Acad. Sci. 31: 106, March 17, 1941.

95938. Adult male. Aomori, Aomori Prefecture, Honshu Island, Japan. April 23, 1876. Collected by Thomas W. Blakiston. Original number 1948.

Ægialitis albidipectes [*sic*] Ridgway

Proc. U.S. Nat. Mus. 5: 526, April 3, 1883.

=*Charadrius alexandrinus tenellus* Hartlaub, *fide* J. P. Chapin (*in epist.* after examination of the type).

26997. Adult (sex not indicated). "Chili, S. Am."=Madagascar. Received from the National Institute.

Seebohm (Geographical distribution of the family Charadriidae, p. 162, 1887) placed Ridgway's name in synonymy with the South African *Charadrius marginatus* Vieillot, and was followed in this course by Ridgway himself (Birds of North and Middle America 8: 115 [footnote], 1919). The bird apparently belongs, however, to the Malagasy race, as was surmised long ago by Reichenow (Vögel Afrikas 1: 171, 1900).

Ægialitis thoracica Richmond

Proc. Biol. Soc. Washington 10: 53, March 14, 1896.

=*Charadrius thoracicus* (Richmond). See Rand, Bull. Amer. Mus. Nat. Hist. 72: 352, 1936.

151174. Adult female. "Loholoka, east coast of Madagascar" (evidently a coastal village somewhere between the Faraony River, which enters the Indian Ocean at lat. 21°50′ S. and the Namorona River, next to the North). June 3, 1895. Collected by William L. Abbott.

Ægialitis pamirensis Richmond

Proc. U.S. Nat. Mus. 18: 589, July 25, 1896.

=*Charadrius mongolus pamirensis* (Richmond). See Sudilovskaia, Arch. Mus. Zool. Univ. Moscou 1: 109, 1934.

150169. Adult male. Tagdumbash Pamir (at elev. 12,000 feet), Sinkiang (near the point where it meets Afghanistan and Kashmir). June 16, 1894. Collected by William L. Abbott.

Ægialitis Wilsonius, var. rufinucha Ridgway

Amer. Naturalist 8: 109, February 1874.

=*Charadrius wilsonia wilsonia* Ord. See Bond, Checklist of birds of the West Indies, p. 35, 1940.

30319. Adult male. Great Salt Pond, near Spanish Town, St. Catherine Parish, Middlesex County, Jamaica. April 1863. Collected by William T. March. Original number 260.

26853. Adult female. Near Spanish Town, St. Catherine Parish, Middlesex County, Jamaica. December 20, 1862 (not 1861). Collected by William T. March. Original number 103.

Pagolla wilsonia beldingi Ridgway

Birds of North and Middle America 8: 108 (in key), 112, 1919.

=*Charadrius wilsonia beldingi* (Ridgway). See Peters, Checklist of birds of the world 2: 254, 1934.

86424. Adult male. La Paz, State of Baja California, México. December 21, 1881. Collected by Lyman Belding.

Pagolla wilsonia cinnamomina Ridgway

Birds of North and Middle America 8: 108 (in key), 113, 1919.

=*Charadrius wilsonia cinnamominus* (Ridgway). See Peters, Checklist of birds of the world 2: 254, 1934.

97919. Adult female. Sabanilla, Department of Atlántico, Colombia. March 16–27, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

Family SCOLOPACIDAE: Snipes, Woodcocks, Sandpipers

Genus AECHMORHYNCHUS Coues

Tringa parvirostris Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 235, "pl. LXVI, fig. 2," 1848.

=*Aechmorhynchus parvirostris* (Peale). See Wetmore, *in* Townsend and Wetmore, Bull. Mus. Comp. Zool. 63: 182–183, 1919.

15319. Adult (sex not indicated). Honden Island=Pukapuka Island (lat. 14°56′ S., long. 138°48′ W.), Tuamotu Islands, Oceania. August 21, 1839. Collected by Titian R. Peale. Original number 640. U.S. Exploring Expedition (1838–1842).

15721. Adult (sex not indicated). Same data as No. 15319.

15722. Adult female. Same data as No. 15319.

Cassin's MS. list and the entries in the museum register indicate that Peale had five specimens. Of the two no longer in the collection, No. 57426 was sent in 1870 to the Chicago Academy of Sciences and was doubtless destroyed in the Great Fire; No. 15322 went to the Boston Society of Natural History and eventually reached the Museum of Comparative Zoology, where it became No. 72156.

Peale mentioned that the species was also "observed" at Raraka, another of the Tuamotus, which was visited on August 30, 1839, but there is no reason to believe that any specimen was collected there.

Genus NUMENIUS Brisson

Numenius femoralis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 233, "pl. LXVI, fig. 1," 1848.

=*Numenius tahitiensis* (Gmelin). See Bowdler Sharpe, Catalogue of the birds in the British Museum 24: 367, 1896.

15377. Adult female. Vincennes Island=Kauehi Island (*ca.* lat. 16°00′ S., long. 145°09′ W.), Tuamotu Islands, Oceania. September 1839. Original number 633. U.S. Exploring Expedition (1838–1842).

15378. Adult female. Same data as No. 15377.

15379. Adult female. Same data as No. 15377.

15380. Adult female. Same data as No. 15377.

15727. Adult male. Same data as No. 15377.

Cassin's MS. list and the museum register indicate that Peale had five specimens of this form. Stejneger (Proc. U.S. Nat. Mus. 10: 84, 1887) has referred to No. 15379 as the type; Richmond (MS.) says "the male ought to have precedence in this respect," and so designates No. 15727 as the type. All five are of course cotypes.

Genus LIMOSA Brisson

Limosa foxii Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 231, "pl. LXV," 1848.

=*Limosa lapponica novaezealandiae* G. R. Gray, *fide* Deignan (MS.).

15367. Adult (sex not indicated). Rose Island (lat. 14°31′30″ S., long. 168°08′30″ W.), Samoan Islands, Oceania. Collected by J. L. Fox. Original number 630. U.S. Exploring Expedition (1838–1842).

Genus TRINGA Linnaeus

Totanus totanus eurhinus Oberholser

Proc. U.S. Nat. Mus. 22: 207, April 23, 1900.

=*Tringa totanus eurhinus* (Oberholser). See Peters, Checklist of birds of the world 2: 265, 1934.

162823. Adult male. Tso Morari=Chamomeril Lake (elev. 15,000 feet), Rupshu District, southeastern Kashmir. July 29, 1897. Collected by William L. Abbott.

Glottis Floridanus Bonaparte

Geographical and comparative list of the birds of Europe and North America, p. 51, April 14, 1838 (based on Audubon, pl. 346 [not 269]).

=*Tringa nebularia* (Gunnerus). See Howell, Florida Bird Life, pp. 235–236, 1932; Peters, Checklist of birds of the world 2: 266, 1934.

1975. Adult male. Sandy Key (just south of Cape Sable), Monroe County, Florida. May 28, 1832. Collected by John J. Audubon. Received from Spencer F. Baird, who acquired it from Audubon.

Howell (*loc. cit.*) tells all that is known of the history of this specimen, one of three shot from the same flock. It may be added to his account that there is no doubt of the bird's having been obtained by Baird from Audubon.

Genus CATOPTROPHORUS Bonaparte

C[atoptrophorus]. s[emipalmatus]. longicaudis [*sic*] Danforth

Journ. Dept. Agric. Porto Rico 10: 76, 1925 or 1926.

=*Catoptrophorus semipalmatus semipalmatus* (Gmelin). See Peters, Checklist of birds of the world 2: 270, 1934.

313947. Adult female. Boquerón, Cabo Rojo Municipality, Puerto Rico. February 22, 1924. Collected by Stuart T. Danforth. Original number 23. Received from the Cornell University Museum, where it was No. 2327 (not 2326).

Although Danforth had two specimens with identical data, only one, "Cornell University Collection No. 2326," was designated as type. No. 2327 is the one, however, which bears the words "Type Specimen" in Danforth's hand.

Genus HETEROSCELUS Baird

Totanus polynesiæ Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 237, "pl. LXV, fig. 1," 1848.

=*Heteroscelus incanus* (Gmelin). See Ridgway, Birds of North and Middle America 8: 367, 371, 1919.

15724. Adult male (in nuptial plumage). Fiji Islands, Oceania. Original number 639. U.S. Exploring Expedition (1838–1842).

15725. Adult male (in nuptial plumage). Tahiti, Society Islands, Oceania. Original number 639. U.S. Exploring Expedition (1838–1842).

15384. Adult female (in winter plumage). Upolu Island (lat. 13°46′ S., long. 171°20′ W.), Samoan Islands, Oceania. Original number 639. U.S. Exploring Expedition (1838–1842).

15385. Adult female (in winter plumage). Honden Island=Pukapuka Island (lat. 14°56′ S., long. 138°48′ W.), Tuamotu Islands, Oceania. Original number 639. U.S. Exploring Expedition (1838–1842).

Cassin's MS. list and the entries in the museum register indicate that Peale had nine specimens, of which only four are here listed. Nos. 15383, 15386, and 15398 are no longer to be found in the collection, but one of these must be the cotype now preserved in the Museum of Comparative Zoology as No. 75668. Nos. 15723 and 15726 were sent to the Chicago Academy of Sciences in 1870 and were later destroyed in the Great Fire. No. 15725 was sent to the same institution in 1881, but was returned to the National Museum in 1919.

Peale stated that his descriptions and measurements were taken from the largest specimens, and that the male was from the Fijis, the female from Dog Island. Richmond selected No. 15724, a male from the Fijis, as the type, but it cannot be shown that this specimen is larger than some of the missing birds (one a male, two without indication of sex) from localities now unknown. Likewise, No. 15385, a female from Dog Island, may not be larger than the missing No. 15398, which bore identical data, to say nothing of the two lost skins for which we have neither locality nor sex.

Under the circumstances, while some of the birds still in existence may really be cotypes, we can be certain only of their paratypeship.

Genus APHRIZA Audubon

Charadrius Winterfeldti von Tschudi

Archiv für Naturgeschichte 9: 388, 1843.

=*Aphriza virgata* (Gmelin). See Friedmann and Deignan, Zoologica, New York, 27: 49, 1942.

41933. Adult (sex not indicated). "In Oceani Magni littoribus"=Valparaíso, Aconcagua Province, Chile (*fide* museum register). Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

The label of the Neuchâtel Museum cannot now be found, but the specimen was entered into the register as "Charadrius winterfeldtii" from "Valparaiso," and these data must have been copied from it.

Genus COENOCORYPHA G. R. Gray

Scolopax Holmesii "T. R. Peale MS." Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 229 (in synonymy under *Gallinago aucklandica*), 1848.

=*Coenocorypha aucklandica aucklandica* (G. R. Gray). See Bowdler Sharpe, Catalogue of the birds in the British Museum 24: 661, 662, 1896; Peters, Checklist of birds of the world 2: 273, 1934.

15480. Adult (sex not indicated). Auckland Islands (lat. 50°30′25″ S., long. 166°19′12″ E.), Southern Ocean. Collected by Silas Holmes. Original number 627. U.S. Exploring Expedition (1838–1842).

Genus CAPELLA Frenzel

Scolopax pectinicauda Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 227, "pl. LXIV, fig. 1," 1848.

=*Capella stenura* (Bonaparte). See Chasen, Handlist of Malaysian birds, p. 38, 1935.

12668. Adult (sex not indicated). Singapore Island, Malay Peninsula. Original number 629. U.S. Exploring Expedition (1838–1842).

15476. Adult (sex not indicated). Same data as No. 12668.

15477. Adult (sex not indicated). Same data as No. 12668.

15481. Adult (sex not indicated). Same data as No. 12668.

15482. Adult (sex not indicated). Same data as No. 12668.

Peale referred simply to "specimens"; Cassin's MS. list and the entries in our register indicate that there were no more than five. Richmond (MS.) has noted that of these only Nos. 12668 and 15476 "can be considered as approaching Peale's measurements." As usual, however, the published measurements represent an average, and all five specimens have equivalent standing as cotypes.

Genus CHUBBIA Mathews

Scolopax meridionalis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 229, "pl. LXIV, fig. 2," 1848.

=*Chubbia stricklandii* (G. R. Gray). See Bowdler Sharpe, Catalogue of the birds in the British Museum 24: 660, 1896; Peters, Checklist of birds of the world 2: 278, 1934.

15728. Adult (sex not indicated). Orange Bay (the southwestern extension of Nassau Bay, between Hardy Peninsula of Hoste Island and Burnt Island of the Wollaston Group), Territory of Magallanes, Chile. 1839. Original number 626. U.S. Exploring Expedition (1838–1842).

Although Cassin referred to "specimens," his MS. list indicates that he had but one, and only one was entered into the museum register.

Genus SCOLOPAX Linnaeus

Scolopax celebensis Riley

Proc. Biol. Soc. Washington 34: 55, March 31, 1921.

=*Scolopax celebenisis celebensis* Riley. See Peters, Checklist of birds of the world 2: 279, 1934.

226174. Adult male. Rano Rano, (a village at about lat. 1°30′ S., long. 120°19′ E.), central Celebes. December 22, 1917. Collected by Harry C. Raven. Original number 4838.

"The only specimen . . . had been badly eaten by ants . . . and made into a rough skeleton. The flight feathers had been left on the wing and some feathers around the base of the bill and the end of the tibia" (Riley, *loc. cit.*).

Genus EROLIA Vieillot

Actodromas (Actodromas) Bairdii Coues

Proc. Acad. Nat. Sci. Philadelphia for 1861, p. 194 (not earlier than July 30), 1861.

=*Erolia bairdii* (Coues). See Peters, Checklist of birds of the world 2: 284, 1934.

19923. Adult male. Fort Resolution (on the shore of Great Slave Lake, southwest of the mouth of the Slave River), District of Mackenzie, Northwest Territories, Canada. May 19, 1860. Collected by Robert W. Kennicott. Original number 480.

Although specimens from numerous localities were mentioned at the original description, No. 19923 must be considered the type, since Coues himself wrote on the original label "Type of the species."

Arquatella couesi Ridgway

Bull. Nuttall Orn. Club 5 (3) : 160, July 1880.

=*Erolia ptilocnemis couesi* (Ridgway). See Peters, Checklist of birds of the world 2: 285, 1934.

65419. Adult female (in summer plumage). Chichagof Harbor, Attu Island, Aleutian Islands. June 21, 1873. Collected by E. P. Herendeen for William H. Dall. Original number 80. Received from the U.S. Coast Survey.

65420. Downy young (sex not indicated). Kiska Harbor, Kiska Island, Aleutian Islands. June 30, 1873. Collected by William H. Dall. Received from the U.S. Coast Survey.

Four specimens in different plumages were described in detail by Ridgway, and on the label of each of these appears the word "Type" in the author's hand. Two of them, however, Nos. 46161 (an unsexed adult in winter plumage) and 73196 (an immature female), are, *fide* Gabrielsen (MS.), representatives of *E. p. tschuktschorum* (Portenko) and can therefore no longer be accorded the status of cotypes.

T[ringa]. ptilocnemis Coues

in H. W. Elliott, Report on the Prybilov Group, or Seal Islands, of Alaska, unpaged (name given in a footnote under *Tringa* "*crassirostris*"), 1873.

=*Erolia ptilocnemis ptilocnemis* (Coues). See Peters, Checklist of birds of the world 2: 285, 1934.

64249. Adult female. Saint George Island, Pribilof Islands, Bering Sea. July 22, 1873. Collected by Henry W. Elliott. Original number 676.

[Pelidna] Pacifica Coues

Proc. Acad. Nat. Sci. Philadelphia for 1861, p. 189 (not earlier than July 30), 1861.

=*Erolia alpina pacifica* (Coues). See Conover, Condor 47: 214, 1945.

9540. Adult (sex not indicated) in winter plumage. Semiahmoo, Whatcom County, Washington. November 30, 1857. Collected by Caleb B. R. Kennerly. Original number 81. Northwestern Boundary Commission.

The three specimens referred to by Coues at the original description are Nos. 9538, 9539, and 9540, all from Semiahmoo. On the label of the last, in Coues's hand, are the words "Type specimen of var? *pacifica.*"

Genus TRYNGITES Cabanis

Actidurus nævius Heermann

Proc. Acad. Nat. Sci. Philadelphia 7: 178 (not earlier than October 31), 1854.

=*Tryngites subruficollis* (Vieillot). See Ridgway, Birds of North and Middle America 8: 226, 230, 1919.

6694. Adult (sex not indicated). "On the prairie near San Antonio," Bexar County, Texas. Entered into the museum register not later than October 2, 1857. Collected by John G. Parke for Adolphus L. Heermann.

Intergeneric Hybrid?

Tringa cooperi Baird

Rep. Expl. and Surv. R.R. Pac. 9: xlvii (in list), 716, 1858.

5989. Adult male. "Raynor South," Nassau County, Long Island, New York. May 24, 1833. Collected by William Cooper. Received from William Cooper.

This extraordinary bird, known from only one specimen, is doubtless a hybrid, but its parentage is not at all obvious.

The type locality, no longer in existence under the same name, seems to have been in the vicinity of Raynortown, formerly a village in the township of Hempstead, situated near the shore of Hempstead Bay.

Family RECURVIROSTRIDAE: Avocets, Stilts

Genus HIMANTOPUS Brisson

Himantopus knudseni Stejneger

Proc. U.S. Nat. Mus. 10: 81, pl. 6, fig. 2, May 17, 1887.

=*Himantopus himantopus knudseni* Stejneger. See Peters, Checklist of birds of the world 2: 290, 1934.

110024. Adult male. Kauai Island, Hawaiian Islands, Oceania. Entered into the museum register on December 23, 1886. Collected by Valdemar Knudsen.

Family BURHINIDAE: Thick-knees

Genus ESACUS Lesson

Orthorhamphus magnirostris scommophorus Oberholser

Proc. U.S. Nat. Mus. 55: 133, April 26, 1919.

=*Esacus magnirostris* (Vieillot). See Mayr, Amer. Mus. Nov. 1007: 15, December 29, 1938.

170879. Adult male. Pulau Wai, Tambelan Islands (about 100 miles west of the westernmost point of Borneo and about 150 miles southeast of the Anamba Islands), South China Sea. August 13, 1899. Collected by William L. Abbott.

Family GLAREOLIDAE: Pratincoles, Coursers

Genus CURSORIUS Latham

Cursorius temminckii jebelensis Mearns

Smithsonian Misc. Coll. 65 (13) : 6, November 26, 1915.

=*Cursorius temminckii temminckii* Swainson. See Peters, Checklist of birds of the world 2: 300, 1934.

216167. Adult male. "Rhino Camp" (on the left bank of the Bahr-el-Jebel at lat. 2°55′ N.), about 15 miles north of Wadelai, West Nile District, Northern Province, Uganda Protectorate. January 11, 1910. Collected by Edgar A. Mearns. Original number 17991. Smithsonian African Expedition.

Genus RHINOPTILUS Strickland

Rhinoptilus africanus raffertyi Mearns

Smithsonian Misc. Coll. 65 (13) : 7, November 26, 1915.

243063. Adult male. "Iron Bridge"=the point where the Jibuti-Addis Ababa railway crosses the Hawash River, Ethiopia. February 4, 1912. Collected by Edgar A. Mearns. Original number 20081. Childs Frick African Expedition (1911–1912).

Family THINOCORIDAE: Seed-snipes

Genus THINOCORUS Eschscholtz

Glareola cuneicauda Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 244, "pl. LXVIII," 1848.

=*Thinocorus rumicivorus cuneicauda* (Peale). See Wetmore, U.S. Nat. Mus. Bull. 133: 172–173, 1926.

15729. Immature male. Island of San Lorenzo, just off Callao, Perú Original number 654. U.S. Exploring Expedition (1838–1842).

Family LARIDAE: Gulls, Terns

Genus LARUS Linnaeus

Larus brachyrhynchus Richardson

in Swainson and Richardson, Fauna Boreali-Americana 2 (the birds): 422, February 1832.

=*Larus canus brachyrhynchus* Richardson. See Dwight, Bull. Amer. Mus. Nat. Hist. 52: 173, 179, 1925.

"6262"=370445. Subadult female. Fort Franklin, on Keith Bay (*fide* Richardson, *op. cit.*, Introduction, p. xv), Great Bear Lake, District of Mackenzie, Northwest Territories, Canada. May 23, 1826. Collected by John Richardson.

The original label of this specimen no longer exists, but the old exhibition label now attached to it (which bears the name "Larus delawarensis, Ord") carries the same data as Richardson's bird of the "Fauna Boreali-Americana." The number "6262" found on the label is not that of our register, and the specimen was given the new number 370445 on January 8, 1942.

The means by which the bird reached the National Museum cannot now be known, but it presumably came among several others of Richardson's collection said to have been received from John Gould.

Larus suckleyi Lawrence

Ann. Lyc. Nat. Hist. New York 6: 264 (not earlier than February), 1858.

=*Larus canus brachyrhynchus* Richardson. See Dwight, Bull. Amer. Mus. Nat. Hist. 52: 173, 179, 1925.

4571 *bis*. Adult (sex not indicated). Steilacoom, Pierce County, Washington. February 4, 1856. Collected by George Suckley. Original number 217.

Lawrence had four specimens, of which one was adult, a second subadult, and the others immature (and only doubtfully placed under the name *suckleyi*). Since the description was based upon an adult, No. 4571 *bis* must be considered the type, but it should be noted that it is in winter dress and thus does not have the head and neck white as stated. No. 6476, an immature, is still in the collection; the others, Nos. 6472 and 8435, were sent in 1870 to the Chicago Academy of Sciences, where they were presumably destroyed in the Great Fire.

Rissa septentrionalis Lawrence

Ann. Lyc. Nat. Hist. New York 6: 265 (not earlier than February), 1858.

=*Larus canus brachyrhynchus* Richardson. See Dwight, Bull. Amer. Mus. Nat. Hist. 52: 173, 179, 1925.

6470. Adult (sex not indicated). "Shot at the straits of Juan de Fuca/Near Puget Sound, W.T." (*fide* original label), or "obtained . . . at Bellingham bay, a harbor just north of Puget Sound" (*fide* Suckley, Rep. Expl. and Surv. R.R. Pac. 12 [2]: 277, 1860). July 30, 1856. Collected by Thomas J. Turner for George Suckley (*fide* Suckley, *loc. cit.*). Original number 520.

6471. Adult (sex not indicated). Same locality data as for No. 6470. Original number 519.

Larus schistisagus Stejneger

Auk 1 (3): 231, July 1884.

92885. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. May 5, 1883. Collected by Leonhard H. Stejneger. Original number 2007.

Larus barrovianus Ridgway

Auk 3 (3): 330, July 1886.

88913. Adult male. Point Barrow (lat. 71°20′ N., long. 156°00′ W.), Alaska. August 4, 1882. Collected by Middleton Smith. Original number 574.

Larus albipennis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 288, "pl. LXXVII," 1848.

=*Larus maculipennis* Lichtenstein. See Dwight, Bull. Amer. Mus. Nat. Hist. 52: 295, 299, 1925; Peters, Checklist of birds of the world 2: 299, 1934.

15507. Adult male. Valparaíso, Province of Aconcagua, Chile. May 18—. Original number 737. U.S. Exploring Expedition (1838–42).

Peale seems to have had two specimens of this form, but his description was based upon a male, and thus the second, a female (No. 15694), can be considered only a paratype.

Larus kumlieni Brewster

Bull. Nuttall Orn. Club. 8 (4): 216, October 1883.

=*Larus leucopterus* Vieillot×*Larus argentatus thayeri* W. S. Brooks. See Dwight, Bull. Amer. Mus. Nat. Hist. 52: 254–256, 1925.

76225. Adult male. Cumberland Sound, southeastern Baffin Island, District of Franklin, Northwest Territories, Canada. June 14, 1878. Collected by Thure L. T. Kumlien. Original number 763.

Larus nelsoni Henshaw

Auk 1 (3) : 250, July 1884.

=*Larus hyperboreus* Gunnerus×*Larus argentatus vegae* Palmén. See Dwight, Bull. Amer. Mus. Nat. Hist. 52: 249–250, 1925.

97253. Adult male. Saint Michael (on the southern shore of Norton Sound), western Alaska. June 20, 1880. Collected by Edward W. Nelson. Original number 1787.

Genus RISSA Stephens

[Larus (Rissa)] brevirostris "Brandt" Bruch

Journ. für Orn. 1: 103, 1853.

=*Rissa brevirostris* (Bruch). See Dwight, Bull. Amer. Mus. Nat. Hist. 52: 322, 1925.

60160. Adult (sex not indicated). "Northern Seas." Entered into the museum register on October 14, 1870. Collected by Ferdinand P. von Wrangel. Received from the Imperial Museum of Saint Petersburg, through J. F. Brandt.

The name *brevirostris* of Bruch was derived from a *nomen nudum* of Brandt. This specimen, acquired from Brandt, bears on the oldest label, in Brandt's hand, "Larus brevirostris nob." and also the underlined word "Wrangel."

Genus HYDROPROGNE Kaup

Thalasseus imperator Coues

Proc. Acad. Nat. Sci. Philadelphia for 1862, p. 358 (not earlier than December 30), 1862=1863.

=*Hydroprogne tschegrava tschegrava* (Lepechin). See Peters, Check-list of birds of the world 2: 331, footnote, 1934.

20189. Adult male. Fort Resolution, Great Slave Lake, District of Mackenzie, Northwest Territories, Canada. June 5, 1860. Collected by Robert W. Kennicott. Original number 610.

The fragmentary original label, now enclosed in an envelope attached to the bird's left tarsus, bears the word "Type" in Coues's hand.

Genus STERNA Linnaeus

Sterna antarctica Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 280, "pl. LXXV, fig. 1," 1848.

Sterna meridionalis Cassin

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 385, 1858.

Sterna cassinii Sclater

Proc. Zool. Soc. London 28 (3) : 391, March 1861.

=*Sterna hirundinacea* Lesson. See Saunders, Catalogue of the Birds in the British Museum 25: 52, 53, 1896.

15504. Subadult (sex not indicated). Orange Bay (the southwestern extension of Nassau Bay, between Hardy Peninsula of Hoste Island and Burnt Island of the Wollaston Group), Territory of Magallanes, Chile. 1839. Original number 726. U.S. Exploring Expedition (1838–1842).

15700. Adult (sex not indicated). Same data as No. 15504.

85566. Immature (sex not indicated). Same data as No. 15504.

Cassin's MS. list indicates that he saw but two specimens, but at least four are still in existence, one of which is now No. 75663 of the Museum of Comparative Zoology. Nos. 15504 and 15700 were sent to the Chicago Academy of Sciences on January 28, 1881, and returned to the National Museum in 1919. No. 15699 cannot now be traced; it is either the bird in Cambridge or the specimen reentered into the register on November 29, 1881, as No. 85566.

Cassin's *Sterna meridionalis* is a new name for *Sterna antarctica* Peale 1848, not Forster 1844, nor Lesson 1831. The author had before him but two specimens of Peale's original series, and these were adults; of the examples now in the Museum, only No. 15700 can then be considered a type of Cassin's name.

Sclater's *Sterna cassinii* is a new name for *Sterna meridionalis* Cassin 1858, not Brehm 1824, and the type specimens are the same as for Cassin's name.

Sterna bairdii Benner

Ann. Rep. Smithsonian Inst. for 1873, p. 60, 1874.

Sterna Portlandica Ridgway

Amer. Naturalist 8: 433, July 1874.

=*Sterna paradisaea* Pontoppidan. See Ridgway, Birds of North and Middle America 8: 499, 504, 1919; A.O.U. Checklist Committee, Auk 61: 448, 1944.

64404 (not 64394). Adult (sex not indicated) in retarded plumage. Peak Island, Casco Bay, Cumberland County, Maine. July 1873. Collected by Franklin Benner.

Benner's MS. name appeared as a *nomen nudum* with reference to the specimen that later became the type of *S. portlandica* Ridgway.

Sterna forsteri litoricola Oberholser

Bird life of Louisiana, Louisiana Dept. Cons. Bull. 28, p. 290, June 1938.

=*Sterna forsteri* Nuttall, *fide* A.O.U. Committee on Classification and Nomenclature, MS.

212668. Adult male. Smith Island, Atlantic coast of Northampton County, Virgina. May 14, 1910. Collected by Joseph H. Riley. Original number 1575.

Sterna albifrons Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 279, "pl. LXXIV, fig. 2," 1848.

=*Sterna striata striata* Gmelin. See Mathews, Birds of Australia 2: 368–369, 1912.

15698. Adult (sex not indicated). Bay of Islands, North Island, New Zealand. March 18—. Original number 727. U.S. Exploring Expedition (1838–1842).

Sterna melanauchen provida Oberholser

U.S. Nat. Mus. Bull. 98: 16, June 30, 1917.

=*Sterna sumatrana mathewsi* Stresemann. See Peters, Checklist of birds of the world 2: 336, 1934.

128756. Adult male. Providence Island (lat. 9°00′ S., long. 51°00′ E.), western Indian Ocean. August 17, 1892. Collected by William L. Abbott.

Sterna aleutica Baird

Trans. Chicago Acad. Sci. 1: 321, pl. 31, fig. 1 (not earlier than October 22), 1869.

52517. Adult male. Kodiak Island, Gulf of Alaska, Alaska. June 1–, 1868. Collected by Ferdinand Bischoff. Original number 16.

This name first appeared as a *nomen nudum* used by Dall, *in* Dall and Bannister (Trans. Chicago Acad. Sci. 1: 307, 1869).

Sterna lunata Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 277, "pl. LXXIV, fig. 1," 1848.

15744. Adult (sex not indicated). Vincennes Island=Kauehi Island (about lat. 16°00′ S., long. 145°09′ W.), Tuamotu Islands, Oceania. September 2, 1839. Original number 725. U.S. Exploring Expedition (1838–1842).

Peale referred to "our specimens," but Cassin's MS. list indicates that he saw but one, and only one was entered into the museum register.

H[aliplana]. discolor Coues

Ibis (1) 6 : 392 (footnote), July–October 1864.

=*Sterna anaethetus melanoptera* Swainson. See Ridgway, Birds of North and Middle America 8: 512, 513, 1919; Peters, Checklist of birds of the world 2: 337, footnote, 1934.

30844. Adult (sex not indicated). Saddle Cay (an islet at the southern end of Lighthouse Reef, east of Turneffe Island), in the Gulf of Honduras, off British Honduras. May 10, 1862. Collected by Osbert Salvin. Original number 2925.

If it should ever be shown that the Caribbean race is distinct from the West African, Coues's name will have priority over Mathews's *recognita*.

Sterna anætheta nelsoni Ridgway

Birds of North and Middle America 8: 487 (in key), 514, June 26, 1919.

=*Sterna anaethetus nelsoni* Ridgway. See Peters, Checklist of birds of the world 2: 338, 1934.

185437. Adult male. Sihuatanejo, State of Guerrero, México. April 9, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9459. Received from the U.S. Fish and Wildlife Service.

Haliplana fuliginosa var. **crissalis** "Baird, M.S." Lawrence
in Grayson, Proc. Boston Soc. Nat. Hist. 14 : 285,, April 1872.
=*Sterna fuscata crissalis* (Lawrence). See Peters, Checklist of birds of the world 2: 338, 1934.
50861. Adult male. At sea between the Tres Marías Islands and the Revilla Gigedo Islands, not far from lat. 20°38′ N., long. 108°00′ W. (*fide* Grayson, *op. cit.*, p. 288), eastern Pacific Ocean off México. May 9, 1867. Collected by Andrew J. Grayson. Original number 703.
58792. Adult (sex not indicated). Locality data same as for No. 50861. Original number 702.

The type locality for this form has consistently been given as Socorro Island, but, while the bird was reported as occurring there (*op. cit.*, p. 301), it appears that no specimens were taken. Only two examples of the "black-billed tern" were received at the Museum as a result of this trip, and it can hardly be doubted that they are the ones mentioned by Grayson on p. 288, especially since he gave them consecutive original numbers. The type locality is thus in closer proximity to the Tres Marías than to the Revilla Gigedos.

Sterna antillarum browni Mearns
Proc. Biol. Soc. Washington 29: 71, April 4, 1916.
=*Sterna albifrons browni* Mearns. See A.O.U. Checklist Committee, Auk 61: 449, 1944.
134773. Adult male. At the edge of the Pacific Ocean, near Monument No. 258, U.S.-Mexican Boundary Line, in San Diego County, California. July 12, 1894. Collected by Edgar A. Mearns. Original number 11259.

Genus THALASSEUS Boie

Thalasseus bergii halodramus Oberholser
Proc. U.S. Nat. Mus. 49: 518 (in key), 522, December 23, 1915.
=*Thalasseus bergii cristatus* (Stephens). See Peters, Checklist of birds of the world 2: 342, 1934.
191382. Adult male (in winter plumage). Pata Island (just south of Joló Island), Sulu Province, Philippine Islands. November 25, 1903. Collected by Leonard Wood for Edgar A. Mearns. Original number 13145.

Sterna rectirostris Peale
U.S. Exploring Expedition 8 (Mamm. and Orn.) : 281, "pl. LXXV, fig. 2," 1848.

=*Thalasseus bergii rectirostris* (Peale). See Oberholser, Proc. U.S. Nat. Mus. 49: 524, 1915.

15697. Immature female. Fiji Islands, Oceania. Original number 728. U.S. Exploring Expedition (1838–1842).

Genus PROCELSTERNA Lafresnaye

Procelsterna saxatilis W. K. Fisher

Proc. U.S. Nat. Mus. 26: 559, 1903.

=*Procelsterna cerulea saxatilis* W. K. Fisher. See Peters, Checklist of birds of the world 2: 345, 1934.

188651. Adult male. Necker Island (lat. 23°35′24″ N., long. 164°41′ W.), Hawaiian Islands, Oceania. May 31, 1902. Collected by Walter K. Fisher. Received from the U.S. Fish Commission.

At the original description, No. 188651 is stated to be the "type," while each of three other specimens is described as a "cotype." The word cotype, as here used, must be considered equivalent to the modern paratype.

Megalopterus plumbea Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 285, "pl. LXXVI," 1848.

=*Procelsterna cerulea teretirostris* (Lafresnaye). See Mathews, Birds of Australia 2: 431, 1912.

131513=15467. Adult (sex not indicated). Honden Island=Pukapuka Island (lat. 14°56′ S., long. 138°48′ W.), Tuamotu Islands, Oceania. August 21, 1839. Original number 731. U.S. Exploring Expedition (1838–1842).

Cassin's MS. list shows that he saw but three specimens, and there are three entries in the museum register. Of these, No. 15466, said to come from the Tuamotus, seems in fact to be an example of *P. c. albivitta* Bonaparte and thus cannot be considered a cotype. No. 15463 is no longer in Washington and is probably now in the Museum of Comparative Zoology as their No. 75662.

Genus ANOUS Stephens

Anous frater Coues

Proc. Acad. Nat. Sci. Philadelphia for 1862, p. 558 (not earlier than December 30), 1862=1863.

=*Anous stolidus pileatus* (Scopoli). See Mathews, Birds of Australia 2: 411, 1912; Peters, Checklist of birds of the world 2: 346, footnote, 1934.

15517. Adult (sex not indicated). Bellingshausen Island (lat. 15°48′ S., long. 154°30′ W.), Society Islands, Oceania. Original number 729. U.S. Exploring Expedition (1838–1842).

15526. Adult male. Raraka Island (lat. 16°06′25″ S., long. 144°57′40″ W.), Tuamotu Islands, Oceania. August 30 or 31, 1839. Original number 729. U.S. Exploring Expedition (1838–1842).

In addition to the cotypes mentioned above, there was at least one other, No. 15534 (Raraka Island); this bird was sent to the Chicago Academy of Sciences in 1870 and was there destroyed in the Great Fire.

Family ALCIDAE: Auks, Auklets, Murres

Genus URIA Brisson

Uria aalge inornata Salomonsen

Ibis (13) 2 (1): 128, January 1, 1932.

170323. Adult male (not female). Saint Matthew Island (lat. 60°20′ N., long. 172°30′ W.), Bering Sea. July 15, 1899. Collected by Leon J. Cole.

Catarractes Californicus H. Bryant

Proc. Boston Soc. Nat. Hist. 8: 142 (not earlier than July), 1861.

=*Uria aalge californica* (H. Bryant). See Grinnell, Univ. California Publ. Zool. 38: 274, 1932; Peters, Bull. Mus. Comp. Zool. 92: 58–59, 1943.

13727. Adult (sex not indicated). Farallon Islands, San Francisco County, California. July 5, 1859. Collected by James Hepburn. Original number 13.

17404. Adult female. Farallon Islands, San Francisco County, California. Entered into the museum register on July 7, 1860. Collected by or for Ferdinand Gruber.

17407. Adult male. Farallon Islands, San Francisco County, California. Entered into the museum register on July 7, 1860. Collected by or for Ferdinand Gruber.

Bryant had before him "the whole series belonging to the Smithsonian Institution" (*op. cit.*, p. 134). The specimens of this form then in the Museum numbered ten, of which nine came from the Farallones. In addition to the three listed above, these were: No. 17400, a female (sent to "#4"); Nos. 17401 and 17402, males (lost without trace); No. 17403, a female (sent to "Audubon Club"); No. 17405, a female (sent to "#2"= University of Michigan); and No. 17406, a male (lost without trace).

A male cotype in Cambridge (MCZ 46265) may represent No. 17401, No. 17402, or No. 17406.

Genus CEPPHUS Pallas

Cepphus snowi Stejneger

Auk 14 (2): 201, April 1897.

=*Cepphus columba snowi* Stejneger. See Peters, Checklist of birds of the world 2: 354, 1934.

159351. Adult male. Raikoke Island (about lat. 48°25′ N., long. 153°00′ E.), Kuril Islands, southwest of Kamchatka. August 23, 1896. Collected by Leonhard H. Stejneger. Original number 7009.

Genus BRACHYRAMPHUS M. Brandt

Brachyrhamphus hypoleucus Xántus

Proc. Acad. Nat. Sci. Philadelphia 11: 299 (not earlier than November 29), 1859.

=*Brachyramphus hypoleucus* Xántus. See Peters, Checklist of birds of the world 2: 355, 1934.

13046. Adult female. Cape San Lucas, State of Baja California, México. July 14, 1859. Collected by John Xántus. Original number 1310.

Genus AETHIA Merrem

Simorhynchus Cassini Coues

Proc. Acad. Nat. Sci. Philadelphia 20: 45 (not earlier than January 21), 1868.

=*Aethia pygmaea* (Gmelin). See Ridgway, Birds of North and Middle America 8: 771, 773, 1919; Peters, Checklist of birds of the world 2: 357, 358, 1934.

46564. Immature male. Unimak Pass (the strait between Unimak Island and Akun Island), Aleutian Islands, Alaska. August 3, 1866. Collected by William H. Dall. Original number 310.

Genus CERORHINCA Bonaparte

Cerorhina suckleyi Cassin

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: liv, 906, 1858.

=*Cerorhinca monocerata* (Pallas). See Ridgway, Birds of North and Middle America 8: 779, 782, 1919.

4579 *bis* (not 4579). Adult (sex not indicated) without knob on bill. Fort Steilacoom, Pierce County, Washington. February (not January) 8, 1856. Collected by George Suckley. Original number 221.

Genus FRATERCULA Brisson

Fratercula arctica naumanni Norton

Proc. Portland Soc. Nat. Hist. 2: 144 (footnote 17), May 20, 1901.

86019. Adult (sex not indicated). Hakluyt Headland, northwestern extremity of West Spitsbergen Island, Arctica. August 9, 1881. Collected by M. K. Schwenk.

For a discussion of this specimen's claim to typeship, see Norton, Auk 34: 205–206, 1917.

Order COLUMBIFORMES: Sand-grouses, Pigeons, Doves

Family COLUMBIDAE: Pigeons, Doves

Genus TRERON Vieillot

Butreron capellei panochra Oberholser
Journ. Washington Acad. Sci. 14 (13): 300, July 19, 1924.
=*Treron capellei magnirostris* Strickland. See Chasen, Handlist of Malaysian Birds, p. 11, 1935; Delacour, Birds of Malaysia, p. 351, 1947.
181058. Adult male. Besitang River (about 14 miles from its union with Aru Bay), eastern Sumatra. February 8, 1906. Collected by William L. Abbott.

Butreron capellei messopora Oberholser
Journ. Washington Acad. Sci. 14 (13): 299, July 19, 1924.
=*Treron capellei magnirostris* Strickland. See Chasen, Handlist of Malaysian Birds, p. 11, 1935; Delacour, Birds of Malaysia, p. 351, 1947.
181425. Adult male. Kalumpang Bay (just north of Pulau Laut), southeastern Borneo. January 22, 1908. Collected by William L. Abbott.

Butreron capellei passorhina Oberholser
Proc. U.S. Nat. Mus. 54: 192, November 2, 1917.
=*Treron capellei passorhina* (Oberholser). See Chasen, Handlist of Malaysian Birds, p. 11, 1935; Delacour, Birds of Malaysia, p. 351, 1947.
181430. Adult male. Pulau Mata Siri (lat. 4°48′ S., long. 115°48′ E.), Laurot Islands, eastern Java Sea. December 10, 1907. Collected by William L. Abbott.

Treron curvirostra erimacra Oberholser
Journ. Washington Acad. Sci. 14 (13): 297, July 19, 1924.
201778. Adult male. Balábac Island (southwest of Paláwan Island), Philippine Islands. October 16, 1906. Collected by Edgar A. Mearns. Original number 14444.

Treron curvirostra haliploa Oberholser
Smithsonian Misc. Coll. 60 (7): 4, October 26, 1912.
179592. Adult male. Sibabo Bay, Simulue (Simalur) Island, Barussan Islands, eastern Indian Ocean off Sumatra. October 22, 1902. Collected by William L. Abbott.

Treron curvirostra pega Oberholser
Smithsonian Misc. Coll. 60 (7): 4, October 26, 1912.
179595. Adult male. Siaba Bay, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 19, 1903. Collected by William L. Abbott.

Treron curvirostra smicra Oberholser
Smithsonian Misc. Coll. 60 (7): 3, October 26, 1912.
=*Treron curvirostra curvirostra* (Gmelin). See Stresemann, Auk 67: 82, 1950.

179596. Subadult male. Tana Bala Island, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. February 8, 1903. Collected by William L. Abbott.

Treron curvirostra hypothapsina Oberholser

Smithsonian Misc. Coll. 60 (7) : 3, October 26, 1912.

180650. Adult male. Enggano Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 21, 1904. Collected by William L. Abbott.

Osmotreron chloroptera andamanica Richmond

Proc. U.S. Nat. Mus. 25: 308, September 17, 1902.

=*Treron pompadora chloroptera* Blyth. See Peters, Checklist of birds of the world 3: 16, 1937.

178813. Adult female. Shore of Macpherson Strait, South Andaman Island, Andaman Islands, Bay of Bengal. January 15, 1901. Collected by William L. Abbott.

Dendrophassa fulvicollis melopogenys Oberholser

Smithsonian Misc. Coll. 60 (7) : 3, October 26, 1912.

=*Treron fulvicollis melopogenys* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 334, 1944.

179597. Adult female. Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 18, 1903. Collected by William L. Abbott.

Dendrophassa olax arismicra Oberholser

Journ. Washington Acad. Sci. 14: 298, July 19, 1924.

=*Treron olax* (Temminck). See Peters, Checklist of birds of the world 3: 18, 1937.

181777. Adult male. Segah River (the upper part of the Berau River, which enters the Celebes Sea at about lat. 2°10′ N.), northeastern Borneo. November 23, 1912. Collected by Harry C. Raven. Original number 429.

Dendrophassa vernans abbotti Oberholser

Journ. Washington Acad. Sci. 14: 298, July 19, 1924.

=*Treron vernans griseicapilla* Schlegel. See Peters, Checklist of birds of the world 3: 18, 1937.

153653. Adult male. "Tyching"=Ban Tha Chin (lat. 7°34′ N., long. 99°34′ E.), Province of Trang, peninsular Siam. June 2, 1896. Collected by William L. Abbott.

Dendrophassa vernans mesochloa Oberholser

Smithsonian Misc. Coll. 60 (7) : 2, October 26, 1912.

=*Treron vernans griseicapilla* Schlegel. See Ripley, Bull. Mus. Comp. Zool. 94: 344, 1944.

179590. Adult female. Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 18, 1903. Collected by William L. Abbott.

Dendrophassa vernans polioptila Oberholser
Smithsonian Misc. Coll. 60 (7) : 3, October 26, 1912.
=*Treron vernans griseicapilla* Schlegel. See Ripley, Bull. Mus. Comp. Zool. 94: 334–335, 1944.
179578. Adult female. North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. January 1, 1903. Collected by William L. Abbott.

Dendrophassa vernans miza Oberholser
Smithsonian Misc. Coll. 60 (7) : 3, October 26, 1912.
=*Treron vernans miza* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 334, 1944.
179035. Adult female. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 22, 1901. Collected by William L. Abbott.

Dendrophassa vernans adina Oberholser
U.S. Nat. Mus. Bull. 98: 20, June 30, 1917.
=*Treron vernans adina* (Oberholser). See Peters, Checklist of birds of the world 3: 19, 1937.
171020. Adult male. Pulau Mata, northern Anamba Islands, South China Sea. August 29, 1899. Collected by William L. Abbott.

Dendrophassa vernans pellochlora Oberholser
U.S. Nat. Mus. Bull. 159: 30, 1932.
=*Treron vernans adina* (Oberholser). See Peters, Checklist of birds of the world 3: 19, 1937.
174674. Adult female. Pulau Serasan (South Natuna Island), lat. 2°31′ N., long. 109°02′ E., southern Natuna Islands, South China Sea. June 8, 1900. Collected by William L. Abbott.

Dendrophassa vernans zalepta Oberholser
Journ. Washington Acad. Sci. 14: 298, July 19, 1924.
=*Treron vernans purpurea* (Gmelin). See Stresemann, Journ. für Orn. 89: 50–51, 1941.
248190. Adult male. Kuala Besar (about lat. 1°10′ N., long. 122°00′ E.), northern peninsula of Celebes. August 24, 1914. Collected by Harry C. Raven. Original number 1538.

Dendrophassa vernans nesophasma Oberholser
Journ. Washington Acad. Sci. 14: 297, July 19, 1924.
=*Treron vernans vernans* (Linnaeus). See Peters, Checklist of birds of of the world 3: 19, 1937.
191947. Adult male. Cotabato, Province of Cotabato, Mindanao Island, Philippine Islands. March 3, 1904. Collected by Edgar A. Mearns. Original number 13297.

Genus PHAPITRERON Bonaparte

Phapitreron samarensis Mearns

Proc. U.S. Nat. Mus. 36: 436, May 22, 1909.

=*Phapitreron leucotis albifrons* McGregor. See Peters, Checklist of birds of the world 3: 24, 1937.

161096. Adult female. Sámar Island, Philippine Islands. March 1888. Collected by Frank S. Bourns.

Phabotreron maculipectus Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1: 10, December 8, 1894.

=*Phapitreron amethystina maculipectus* (Bourns and Worcester). See Peters, Checklist of birds of the world 3: 24, 1937.

316133. Adult male. Baís, Province of Negros Oriental, Negros Island, Philippine Islands. January 17, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3453 of the Menage Collection.

Phabotreron frontalis Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1: 9, December 8, 1894.

=*Phapitreron amethystina frontalis* (Bourns and Worcester). See Peters, Checklist of birds of the world 3: 24, 1937.

316138. Adult male. Toledo, Cebú Island, Philippine Islands. June 20, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3450 of the Menage Collection.

316139. Adult male. Toledo, Cebú Island, Philippine Islands. June 14, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3452 of the Menage Collection.

Phabotreron brunneiceps Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1: 9, December 8, 1894.

=*Phapitreron amethystina brunneiceps* (Bourns and Worcester). See Peters, Checklist of birds of the world 3: 24, 1937.

316132. Adult male. Isabela, Basilan Island, Philippine Islands. August 18, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3447 of the Menage Collection.

Phabotreron cinereiceps Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1: 8, December 8, 1894.

=*Phapitreron amethystina cinereiceps* (Bourns and Worcester). See Peters, Checklist of birds of the world 3: 25, 1937.

316137. Adult male. Tataán, Tawitawi Island, Sulu Province, Philippine Islands. November 2, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3442 of the Menage Collection.

Genus PTILINOPUS Swainson

Ptilinopus furcatus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 191, "pl. LII," 1848.

=*Ptilinopus purpuratus purpuratus* (Gmelin). See Salvadori, Catalogue of the birds in the British Museum 21: 105, 106, 1893; Ripley and Birckhead, Amer. Mus. Nov. 1192: 9, 1942.

14947. Adult or subadult (sex not indicated). Tahiti Island (lat. 17°38'30" S., long. 149°30' W.), Society Islands, Oceania. Original number 553. U.S. Exploring Expedition (1838–1842).

14816. Adult or subadult male. Tahiti Island, Society Islands, Oceania. Received by the National Institute not later than September 13, 1841. Collected by John K. Townsend.

Cassin's MS. list shows that he saw only two specimens, but the museum register has four early entries for the species (one of which was not taken by the Exploring Expedition and will receive further mention below).

The specimens no longer at hand are Nos. 14827 and 14946; these must be the cotypes now deposited in the Academy of Natural Sciences of Philadelphia (where No. 13140) and in the Museum of Comparative Zoology (where No. 74426).

No. 14816 was presented to the National Institute as early as 1841; thus, while there can be no proofs adduced, it may easily have formed one of Peale's original series, and for that reason is here listed.

Ptilinopus coralensis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 190, "pl. LI," 1848.

Ptilopus smithsonianus Salvadori

Catalogue of the birds in the British Museum 21: 105, 1893.

=*Ptilinopus purpuratus coralensis* Peale. See Peters, Checklist of birds of the world 3: 30, 1937; Ripley and Birckhead, Amer. Mus. Nov. 1192: 9, 1942.

14929. Adult (sex not indicated). Tuamotu Islands, Oceania. 1839. Original number 552. U.S. Exploring Expedition (1838–1842).

14934. Adult male. Carlshoff Island=Aratika Island (lat. 15°33' S., long. 145°39' W.), Tuamotu Islands, Oceania. September 3, 1839. Original number 552. U.S. Exploring Expedition (1838–1842).

14951. Adult (sex not indicated). Tuamotu Islands, Oceania. 1839. Original number 552. U.S. Exploring Expedition (1838–1842).

Cassin's MS. list shows that he saw but four specimens, but six were entered into the museum register. Of these, No. 14928, from Raraka Island, is now No. 74425 in the Museum of Comparative Zoology; Nos. 14953 and 14961 are no longer in Washington, but are without question Nos. 13098 and 13099 of the Academy of Natural Sciences of Philadelphia.

No. 14951 was sent to the Chicago Academy of Sciences on January 28, 1881, and returned to the National Museum in 1903.

Because No. 14934 is the only specimen definitely known to have come from Carlshoff Island, a locality that received particular mention in Peale's account of the species, this example was long ago selected as probably the type of *Ptilinopus coralensis*, and is the bird examined by Salvadori and made by him the type of *Ptilopus smithsonianus.*

The National Institute exhibition label it then bore carried as locality simply "Paumotu Islands," and Salvadori gave as type locality of his new name "Some Island of the Paumotu Group"; the museum register, however, gives Carlshoff Island as the exact provenience of the specimen.

On the reverse side of the label appears in Salvadori's hand: "This bird is very different from Ptilopus coralensis, and, according to me, this is not the real type of *Ptilopus coralensis;* it is fully adult as shown by the attenuation of the first primary.—I believe that it belongs to an undescribed species. *Ptilopus smithsonianus*, Salvad."

Ptilinopus fasciatus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 193, "pl. LIII," 1848.

=*Ptilinopus porphyraceus fasciatus* Peale. See Peters, Checklist of birds of the world 3: 30, 1937.

14829. Adult (sex not indicated). Samoan Islands, Oceania. 1839. Original number 550. U.S. Exploring Expedition (1838–1842).

14830. Adult (sex not indicated). Samoan Islands, Oceania. 1839. Original number 550. U.S. Exploring Expedition (1838–1842).

14927. Adult (sex not indicated). Upolu Island (lat. 13°46′ S., long. 171°20′ W.), Samoan Islands, Oceania. 1839. Original number 550. U.S. Exploring Expedition (1838–1842).

14931. Adult male. Same data as No. 14927.

Cassin's MS. list indicates that he saw but seven specimens, but nine entries of this name are found in the museum register. In addition to the four listed above, there were the following cotypes: No. 14930 from Tutuila (lost without trace); No. 14933, without data (lost without trace); No. 14944 from Upolu (sent to the Chicago Academy of Sciences in 1870 and there destroyed by the Great Fire); No. 14959, a male from the Samoan Islands (lost without trace).

No. 21853 was entered into the register on November 21, 1861; it cannot now be found, but is almost certainly a reentry of No. 14930, No. 14933, or No. 14959.

No. 13080 of the Academy of Natural Sciences of Philadelphia is also a cotype and must represent one of the lost specimens of the National Museum.

No. 14927 was sent to the Chicago Academy of Sciences on January 28, 1881, and returned to Washington in 1903.

Ptilinopus perousii Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 195, "pl. LIV," 1848.

=*Ptilinopus perousii perousii* Peale. See Peters, Checklist of birds of the world 3: 32, 1937.

14828. Adult male. Upolu Island (lat. 13°46′ S., long. 171°20′ W.), Samoan Islands, Oceania. Original number 551. U.S. Exploring Expedition (1838–1842).

This was the only specimen of the original series from the restricted type locality; Peale's Fijian birds belong to another race.

Ptilinopus perousii cupidineus Wetmore

Ibis (12) 1 (4): 829, October 7, 1925.

=*Ptilinopus perousii mariae* (Jacquinot and Pucheran). See Ripley and Birckhead, Amer. Mus. Nov. 1192: 13, 1942.

212245 (not 212246). Adult male. Tongatabu Island (lat. 21°07′ S., long. 175°11′ E.), Tonga Islands, Oceania. November 30, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Haemataena melanocephala enantia Oberholser

Journ. Washington Acad. Sci. 14: 296, July 19, 1924.

=*Ptilinopus melanospila bangueyensis* (A. B. Meyer). See Peters, Checklist of birds of the world 3: 38, 1937.

191872. Adult male. Cagayán Sulu Island (in the Sulu Sea off British North Borneo), Philippine Islands. February 26, 1904. Collected by Edgar A. Mearns. Original number 13283.

Haemataena melanocephala massoptera Oberholser

Proc. U.S. Nat. Mus. 54: 191, November 2, 1917.

=*Ptilinopus melanospila massoptera* (Oberholser). See Peters, Checklist of birds of the world 3: 38, 1937.

181420. Adult male. Pulau Mata Siri (lat. 4°48′ S., long. 115°48′ E.) Laurot Islands, eastern Java Sea. December 8, 1907. Collected by William L. Abbott.

Genus DUCULA Hodgson

Carpophaga auroræ Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 201, "pl. LVI," 1848.

=*Ducula aurorae* (Peale). See Peters, Checklist of birds of the world 3: 43, 1937.

14938. Adult male. Aurora Island=Makatea Island (lat. 15°49′35″ S., long. 148°13′15″ W.), Tuamotu Islands, Oceania. September 10, 1839. U.S. Exploring Expedition (1838–1842).

14941. Adult male. Society Islands, Oceania. U.S. Exploring Expedition (1838–1842).

While Cassin's MS. list calls for but three specimens, four were entered into the museum register. Nos. 15733 and 15734, both males from the Society

Islands, are accounted for by No. 74422 of the Museum of Comparative Zoology, and No. 13156 of the Academy of Natural Sciences of Philadelphia.

Carpophaga wilkesii Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 203, "pl. LVII," 1848.

=*Ducula aurorae* (Peale). See Wetmore, *in* Townsend and Wetmore, Bull. Mus. Comp. Zool. 63: 190–191, 1919; Peters, Checklist of birds of the world 3: 43, 1937.

14804. Adult male. Tahiti Island ("at an altitude of three or four thousand feet"), Society Islands, Oceania. U.S. Exploring Expedition (1838–1842).

15737. Adult (sex not indicated). Aurora Island=Makatea Island (lat. 15°49′35″ S., long. 148°13′15″ W.), Tuamotu Islands, Oceania. September 10, 1839. Collected by Charles Wilkes. U.S. Exploring Expedition (1838–1842).

Globicera oceanica townsendi Wetmore

in Townsend and Wetmore, Bull. Mus. Comp. Zool. 63: 191, August 1919.

=*Ducula oceanica townsendi* (Wetmore). See Peters, Checklist of birds of the world 3: 44, 1937.

212240. Adult female. Ponape Island (lat. 6°51′ N., long. 158°18′ E.), eastern Caroline Islands, Oceania. February 12, 1900. Collected by Henry F. Moore. Received from the U.S. Fish Commission.

Muscadivores aeneus polius Oberholser

U.S. Nat. Mus. Bull. 98: 18, June 30, 1917.

=*Ducula aenea polia* (Oberholser). See Delacour, Auk 64: 129, 1947.

170923. Adult male. Palau Siantan, northern Anamba Islands, South China Sea. August 20, 1899. Collected by William L. Abbott.

Muscadivores aeneus arhadius Oberholser

Journ. Washington Acad. Sci. 14: 296, July 19, 1924.

=*Ducula aenea polia* (Oberholser). See Delacour, Auk 64: 129, 1947.

180106. Adult female. Kateman River, eastern Sumatra. September 3, 1903. Collected by William L. Abbott.

Muscadivores aeneus diatropurus Oberholser

U.S. Nat. Mus. Bull. 159: 25, 1932.

=*Ducula aenea polia* (Oberholser). See Delacour, Auk 64: 129, 1947.

174666. Adult male. Pulau Midei, southern Natuna Islands, South China Sea. May 23, 1900. Collected by William L. Abbott.

Muscadivores aeneus mistus Oberholser

Smithsonian Misc. Coll. 60 (7) : 2, October 26, 1912.

=*Ducula aenea consobrina* (Salvadori). See Ripley, Bull. Mus. Comp. Zool. 94: 335, 1944.

179054. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. January 2, 1902. Collected by William L. Abbott.

Muscadivores consobrina babiensis Richmond

Proc. Biol. Soc. Washington 25: 103, June 15, 1912.

=*Ducula aenea consobrina* (Salvadori). See Ripley, Bull. Mus. Comp. Zool. 94: 335, 1944.

179057. Adult male. Pulau Babi, Barussan Islands, eastern Indian Ocean off Sumatra. January 13, 1902. Collected by William L. Abbott.

Muscadivores aeneus vicinus Riley

Proc. Biol. Soc. Washington 40: 95, June 30, 1927.

=*Ducula aenea consobrina* (Salvadori). See Ripley, Bull. Mus. Comp. Zool. 94: 335, 1944.

279710. Adult male (not female). Sipora Island, Barussan Islands, eastern Indian Ocean off Sumatra. October 11, 1924. Collected by Cecil Boden Kloss.

Carpophaga Van Wyckii Cassin

Proc. Acad. Nat. Sci. Philadelphia, p. 320 (not earlier than June 24), 1862.

=*Ducula pistrinaria vanwyckii* (Cassin). See Peters, Checklist of birds of the world 3: 48, 1937.

21218. Adult female. Port Praslin, on Wallis Islet at the southern tip of New Ireland, Bismarck Archipelago. January 24, 1854. Collected by — Van Wyck. U.S. North Pacific Surveying and Exploring Expedition (1853–1856).

Muscadivores rosaceus zamydrus Oberholser

Proc. U.S. Nat. Mus. 54: 179, November 2, 1917.

=*Ducula rosacea zamydra* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 18, 1935.

181434. Adult male. Pulau Solombo Besar, eastern Java Sea. December 6, 1907. Collected by William L. Abbott.

Carpophaga Pickeringii Cassin

Proc. Acad. Nat. Sci. Philadelphia 7: 228 (not earlier than Dec. 26), 1854=1855.

=*Ducula pickeringii pickeringii* (Cassin). See Peters, Checklist of birds of the world 3: 49, 1937.

15732. Adult (sex not indicated). Mangsi Island (8 miles north of Banggai Island), in the Balábac Strait (north of British North Borneo). February 9–12, 1842, *fide* Wilkes, Narrative of the United States Exploring Expedition 5: 381–387, 1845 (not "in the month of January," as stated by Peale and quoted by Cassin). U.S. Exploring Expedition (1838–1842).

Cassin referred to "specimens," but No. 15732 is the only one found entered into the museum register.

Muscadivora langhornei Mearns

Proc. Biol. Soc. Washington 18: 84, February 21, 1905.

=*Ducula pickeringii langhornei* (Mearns). See Peters, Checklist of birds of the world 3: 49, 1937.

191877. Adult male. West Bolod Island (southwest of Basilan Island), Philippine Islands. February 21, 1904. Collected by Edgar A. Mearns. Original number 13258 (not 13358).

Muscadivores palmasensis Mearns

Proc. U.S. Nat. Mus. 36: 436, May 22, 1909.

=*Ducula pickeringii palmasensis* (Mearns). See Peters, Checklist of birds of the world 3:49, 1937.

200839. Adult male. Palmas Island=Miangas Island (between the Talaut Islands and Mindanao Island, about 60 miles SSE. of Cape San Agustín on Mindanao). January 21, 1906. Collected by Edgar A. Mearns. Original number 13889.

Carpophaga latrans Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 200, "pl. LV," 1848.

=*Ducula latrans* (Peale). See Peters, Checklist of birds of the world 3:49, 1937.

15735. Adult female. "Mountainous districts of the Feejee Islands." Original number 578. U.S. Exploring Expedition (1838–1842).

15736. Adult (sex not indicated). "Mountainous districts of the Feejee Islands." Original number 578. U.S. Exploring Expedition (1838–1842).

Although Cassin's MS. list indicates that he saw but one, three examples of this species were entered into the museum register. The third, No. 14939, is now No. 13189 of the Academy of Natural Sciences of Philadelphia.

Carpophaga casta Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 204, "pl. LVIII," 1848.

=*Ducula bicolor* (Scopoli). See Salvadori, Catalogue of the birds in the British Museum 21: 227, 228, 1893; Peters, Checklist of birds of the world 3: 50, 1937.

14786. Adult male. "An island nearly opposite to Soung [the capital of the Sooloo Islands]"=Marongas Island, just northwest of Joló ("Soung"), Joló Island, Sulu Province, Philippine Islands (see Wilkes, Narrative of the United States Exploring Expedition 5: 361–362, 1845). February 4–6, 1842. Original number 579. U.S. Exploring Expedition (1838–1842).

Genus COLUMBA Linnaeus

Columba taczanowskii Stejneger

Proc. U.S. Nat. Mus. 16: 624 (footnote), October 30, 1893.

=*Columba rupestris rupestris* Pallas. See Peters, Checklist of birds of the world 3: 57, 58, 1937.

114582. Adult male. Nak Tung River (the stream that enters the Strait of Korea in the neighborhood of Fusan), southern Korea. November 22, 1883 (not 1882). Collected by Pierre L. Jouy. Original number 1328.

Columba rupestris austrina Riley

Proc. Biol. Soc. Washington 43: 133, July 18, 1930.

=*Columba rupestris rupestris* Pallas. See Peters, Checklist of birds of the world 3:57, 58, 1937.

314006. Adult male. Chengtze (elev. 14,500–15,900 feet), north of Chiprin La and south of Mudju and Yulonghsi (this last at lat. 31°57′ N., long. 99°19′ E.), Sikang (*not* Szechwan) Province, eastern Tibet. May 1929. Collected by Joseph F. C. Rock. Original number 1235.

Columba flavirostris madrensis Nelson

Proc. Biol. Soc. Washington 12:6, January 27, 1898.

156698. Adult male. María Madre Island, Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. May 13, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4377. Received from the U.S. Fish and Wildlife Service.

Chlorœnas inornata exigua Ridgway

Proc. Biol. Soc. Washington 28: 177, November 29, 1915.

=*Columba inornata exigua* (Ridgway). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 450, 1942.

236735. Adult male. Cumberland Pen (not Valley), about 5 miles east of Spanish Town, Saint Catherine Parish, Middlesex County, Jamaica. February 27, 1866. Collected by William T. March. Original number 2689. Received from the estate of Henry Bryant, in whose collection it was No. 1010.

Chlorœnas inornata exsul Ridgway

Proc. Biol. Soc. Washington 28: 106, May 27, 1915.

=*Columba inornata wetmorei* Peters. See Peters, Checklist of birds of the world 3:66, 1937.

236736. Adult (sex not indicated). Puerto Rico. Received from the estate of Henry Bryant, in whose collection it was No. 20.

Columba guayaquilensis Ridgway

Proc. U.S. Nat. Mus. 11: 112, November 8, 1888.

=*Columba fasciata albilinea* Bonaparte. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 445, 446, 1942.

101311. Adult (sex not indicated). "Guayaquil, Ecuador," error="the interior of Ecuador" (*fide* Jones, *in epist.* of November 11, 1884). Entered into the museum register on January 5, 1885. Received from William H. Jones, who acquired it, with other birds, from "Mr. Cartright Agt. P.S.N. Co. Guayaquil as a gift" (*in epist. cit.*).

Columba castaneiceps Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 187, "pl. L," 1848.

=*Columba vitiensis castaneiceps* Peale. See Peters, Checklist of birds of the world 3: 70, 1937.

15739. Adult male. Upolu Island (lat. 13°46′ S., long. 171°20′ W.), Samoan Islands, Oceania. Original number 559. U.S. Exploring Expedition (1838–1842).

Only two specimens were entered into our register under this name, and one of them, No. 14950, a female, although said to have come from the Samoan Islands, has the crown wholly devoid of chestnut and thus seems to belong to the Fijian race; it is probable that the bird has been wrongly labeled.

Two other cotypes are now in the Academy of Natural Sciences of Philadelphia, where they are Nos. 13285 and 13286.

Œnœnas chiriquensis Ridgway

Proc. Biol. Soc. Washington 28: 139, June 29, 1915.

=*Columba chiriquensis* (Ridgway). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 462, 1942.

148301. Adult (sex not indicated). "Chiriquí," Panamá (but see Hellmayr and Conover, *loc. cit.*, footnote). Entered into the museum register on March 26, 1896. Collected by Enrique Arcé. Received from Adolphe Boucard, who probably acquired it from Osbert Salvin and Frederick D. Godman.

This form is supposed to be known only by the unique type, but it should be noted that Salvadori (Catalogue of the birds in the British Museum 21: 326, 1893), referring to *Columba subvinacea*, observed that "some specimens show traces of light spots on the lower hind neck." An Arcé-collected specimen from the Volcán de Chiriquí (Salvin-Godman Collection) is there listed, and one would like to know whether this is one of the spotted-naped birds and thus perhaps another example of *C. chiriquensis*.

The original collector's label was removed from the specimen by Boucard; the type locality should probably stand as the Volcán de Chiriquí.

Chloroenas subvinacea Lawrence

Ann. Lyc. Nat. Hist. New York 9: 135, April 1868.

=*Columba subvinacea subvinacea* (Lawrence). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 463, 1942.

47575. Adult male. Santa María de Dota, Province of San José, Costa Rica. February 26, 1867. Collected by Francisco Carmiol.

Columba purpureotincta Ridgway

Proc. U.S. Nat. Mus. 10: 594 (footnote), September 19, 1888.

=*Columba subvinacea purpureotincta* Ridgway. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 467, 1942.

87620. Adult (sex not indicated). Demerara County, British Guiana. Entered into the museum register on July 6, 1882. Received from Alexander Wolle, Sr.

Genus MACROPYGIA Swainson

Macropygia simalurensis Richmond

Proc. Biol. Soc. Washington 15: 187, August 6, 1902.

=*Macropygia ruficeps simalurensis* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 338, 1944.

179067. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 9, 1901. Collected by William L. Abbott.

Macropygia emiliana hypopercna Oberholser

Smithsonian Misc. Coll. 60 (7) : 2, October 26, 1912.

=*Macropygia phasianella hypopercna* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 338, 1944.

179599. Immature (sex not indicated). Sibobo Bay, Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. October 26, 1902. Collected by William L. Abbott.

Macropygia emiliana elassa Oberholser

Smithsonian Misc. Coll. 60 (7) : 2, October 26, 1912.

=*Macropygia phasianella elassa* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 338–339, 1944.

179606. Adult male. Sikakap Strait, North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 12, 1902. Collected by William L. Abbott.

Genus ZENAIDURA Bonaparte

Zenaidura macroura caurina Ridgway

Birds of North and Middle America 7: 348 (footnote), May 5, 1916.

=*Zenaidura macroura marginella* (Woodhouse). See Peters, Checklist of birds of the world 3: 83, 1937.

12540 (not 22540). "Oregon." Original number 451. U.S. Exploring Expedition (1838–1842).

Ectopistes marginella Woodhouse

Proc. Acad. Nat. Sci. Philadelphia 6: 104 (not earlier than May 25), 1852.

=*Zenaidura macroura marginella* (Woodhouse). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 479, 1942.

10320. Immature male. "In the cross timbers on the North Fork of the Canadian," Oklahoma. September 6, 1850. Collected by Samuel W. Woodhouse. Creek and Cherokee Boundary Survey.

This bird was sent to the Chicago Academy of Sciences on January 28, 1881, and was returned to the National Museum in October 1919.

Zenaidura macroura bella W. Palmer and Riley

Proc. Biol. Soc. Washington 15: 33, March 5, 1902.

=*Zenaidura macroura macroura* (Linnaeus). See Wetmore and Swales, U.S. Nat. Mus. Bull. 155: 195–197, 1931.

172537. Adult male. Mariel, Province of Pinar del Río, Cuba. May 9, 1900. Collected by William Palmer and Joseph H. Riley. Original number 417.

Zenaidura macroura tresmariæ Ridgway

Proc. Biol. Soc. Washington 28: 107, May 27, 1915.

156700. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 5, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4265. Received from the U.S. Fish and Wildlife Service.

Zenaidura clarionensis C. H. Townsend

Proc. U.S. Nat. Mus. 13: 133, September 9, 1890.

=*Zenaidura macroura clarionensis* Townsend. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 480, 1942.

117525. Adult male. Clarion Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. March 4, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Zenaidura macroura turturilla Wetmore

Proc. Biol. Soc. Washington 69 (19): 123, September 12, 1956.

433585. Adult male. El Espino, Province of Panamá, Panamá. April 1, 1951. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 16653.

Zenaidura yucatanensis Lawrence

Ann. Lyc. Nat. Hist. New York 9: 208, June 1869.

=*Zenaidura macroura* (*marginella?*) × *Zenaida aurita yucatanensis* Salvadori. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 476 (footnote), 1942.

39325. Adult male. Mérida, State of Yucatán, México. April 3, 1865. Collected by Arthur C. V. Schott. Original number 343. Comisión Científica de Yucatán.

Zenaidura graysoni "Baird, M.S." Lawrence

Ann. Lyc. Nat. Hist. New York 10: 17, February–March 1871.

=*Zenaidura graysoni* Lawrence. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 480, 1942.

50855. Adult male. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. May 21- —, 1867. Collected by Andrew J. Grayson or Edward Grayson. Original number 706.

Zenaida rubripes Lawrence

Auk 2 (4): 357, October 1885.

=*Zenaidura auriculata stenura* (Bonaparte). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 490, 491, 1942.

126350. Adult female. Telescope, Grenada Island, Windward Islands, Caribbean Sea. August 18, 1885. Collected by John G. Wells.

Zenaida ruficauda robinsoni Ridgway

Proc. Biol. Soc. Washington 28: 107, May 27, 1915.

=*Zenaidura auriculata stenura* (Bonaparte). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 490, 492, 1942.

236767. Adult male. Honda, Department of Tolima, Colombia. July 14, 1892. Collected by Wirt Robinson.

Zenaida jessieæ "Riker, MS." Ridgway

Proc. U.S. Nat. Mus. 10: 527, August 6, 1888.

=*Zenaidura auriculata jessieae* (Ridgway). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 489, 1942.

121118. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. June 1, 1887. Collected by Clarence B. Riker. Original number 150.

Zenaida vinaceo-rufa Ridgway

Proc. U.S. Nat. Mus. 7: 176, September 1, 1884.

=*Zenaidura auriculata vinaceo-rufa* (Ridgway). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 493, 1942.

97933. Adult female. Curaçao Island, Caribbean Sea off Venezuela. February 10–18, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

Genus ZENAIDA Bonaparte

Melopelia asiatica mearnsi Ridgway

Proc. Biol. Soc. Washington 28: 107, May 27, 1915.

=*Zenaida asiatica mearnsi* (Ridgway). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 499, 1942.

121177. Adult male. Five miles north of Nogales, Santa Cruz County, Arizona. June 2, 1891. Collected by Pierre L. Jouy. Original number 1187.

Zenaida asiatica alticola Saunders

Proc. Biol. Soc. Washington 64: 83, May 14, 1951.

397507. Adult male. Near Patzún (at about 6,900 feet), Department of Chimaltenango, Guatemala. March 5, 1942. Collected by George B. Saunders. Original number 1612. Received from the U.S. Fish and Wildlife Service.

Columba meloda von Tschudi

Archiv für Naturgeschichte 9: 385, 1843.

=*Zenaida asiatica meloda* (von Tschudi). See Friedmann and Deignan, Zoologica, New York 27: 50, 1942.

41390. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

This form was described from an undisclosed number of cotypes. Hellmayr and Conover (Catalogue of birds of the Americas 1 [1]: 502, 1942) state categorically "type in Neuchâtel Museum," but our specimen is nonetheless a cotype.

Genus STREPTOPELIA Bonaparte

Turtur stimpsoni Stejneger
Proc. U.S. Nat. Mus. 10: 399, November 3, 1887.
=*Streptopelia orientalis stimpsoni* (Stejneger). See Peters, Checklist of birds of the world 3: 90, 1937.
21220. Adult (sex not indicated). "Liu Kiu Island"=Okinawa Island, Ryukyu Islands, East China Sea. December 1854. Collected by William Stimpson. Original number 166. U.S. North Pacific Surveying and Exploring Expedition (1853–1856).

Turtur abbotti Ridgway
Proc. U.S. Nat. Mus. 18: 513, June 24, 1896.
=*Streptopelia picturata picturata* (Temminck). See Peters, Checklist of birds of the world 3: 91, 1937.
128724. Adult female. Mahé Island, Seychelle Islands, western Indian Ocean. July 19, 1892. Collected by William L. Abbott.

Turtur saturatus Ridgway
Proc. U.S. Nat. Mus. 16: 600, August 16, 1893 (advance sheet).
=*Streptopelia picturata saturata* (Ridgway). See Peters, Checklist of birds of the world 3: 91, 1937.
128725. Adult male. Île Poivre, Amirante Islands, western Indian Ocean. August 27 (not 22), 1892. Collected by William L. Abbott.

Streptopelia chinensis edwardi Ripley
Proc. Biol. Soc. Washington 61: 99, June 16, 1948.
390144. Adult male. Chabua, Lakhimpur District, Assam State, India. December 22, 1946. Collected by Edward C. Migdalski. Original number 74. Smithsonian-Yale Expedition.

Streptopelia chinensis setzeri Deignan
Proc. Biol. Soc. Washington 68 (23): 145, October 31, 1955.
275893. Adult female? Ipin (Suifu), Szechwan Province, China. January 15, 1923. Collected by David C. Graham.

Genus SCARDAFELLA Bonaparte

Scardafella ridgwayi Richmond
in Robinson, Proc. U.S. Nat. Mus. 18: 660, August 12, 1896.
=*Scardafella squammata ridgwayi* Richmond. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 507, 1942.
151644. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. June 30, 1895. Collected by Wirt Robinson. Original number 362.

Genus COLUMBIGALLINA Boie

Columbigallina passerina aflavida W. Palmer and Riley
Proc. Biol. Soc. Washington 15: 33, March 5, 1902.

Chamæpelia axantha P. R. Lowe
Ibis (9) 2: 114, January 1908.
=*Columbigallina passerina insularis* Ridgway. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 527, 528, 1942.
171194. Adult male. San Diego de los Baños, Province of Pinar del Río, Cuba. April 10, 1900. Collected by William Palmer and Joseph H. Riley. Original number 296.

Columbigallina passerina insularis "Towns., MS." Ridgway
Proc. U.S. Nat. Mus. 10: 574, August 6, 1888.
=*Columbigallina passerina insularis* Ridgway. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 527, 1942.
111217. Adult male. Grand Cayman Island, Cayman Islands, Caribbean Sea south of Cuba. March 16, 1887. Collected by Charles H. Townsend. Original number 1837.

Chaemepelia passerina navassae Wetmore
Proc. Biol. Soc. Washington 43: 149, September 26, 1930.
=*Columbigallina passerina navassae* (Wetmore). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 529, 1942.
317212. Adult male. Navassa Island (west of the southwestern cape of Hispaniola), Caribbean Sea. May 10, 1930. Collected by Watson M. Perrygo. Original number 566. Parish-Smithsonian Expedition to Haiti.

Columbigallina passerina exigua Riley
Proc. U.S. Nat. Mus. 29: 171, September 30, 1905.
177211. Adult male. Mona Island (in the Mona Passage between Puerto Rico and Hispaniola), Caribbean Sea. August 16 (not 10), 1901. Collected by Beecher S. Bowdish.

Chamæpelia passerina? var. pallescens Baird
Proc. Acad. Nat. Sci. Philadelphia, p. 305, January 12, 1860.
=*Columbigallina passerina pallescens* (Baird). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 514, 1942.
13013. Adult male. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 451.
13014. Adult female. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 452.
13015. Adult female. Cape San Lucas, State of Baja California, México. April 1859. Collected by John Xántus. Original number 63.

Baird described this race from "an extensive series . . . from Cape St. Lucas," but only three specimens still in the collection can be considered certain cotypes. Of these, No. 13013 was long ago set aside by Richmond as the type, evidently because it is a male and in good condition; it is, however, but one of three (or more) cotypes. No. 13012 would also be a cotype; it was sent in February 1860 to A. D. Bache, and its present whereabouts is unknown.

C[olumbigallina]. passerina socorroensis Ridgway

Manual of North American birds, p. 586, September 1887.

=*Columbigallina passerina socorroensis* Ridgway. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 515, 516, 1942.

50829. Adult female. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. Entered into the museum register on April 25, 1868. Collected by Andrew J. Grayson. Original number 162.

Chæmepelia passerina parvula Todd

Ann. Carnegie Mus. 8: 544, May 8, 1913.

=*Columbigallina passerina parvula* (Todd). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 517, 1942.

128195. Adult male. Honda, Department of Tolima, Colombia. July 14, 1892. Collected by Wirt Robinson. Original number 5a.

Genus OENA Swainson

Œna capensis anonyma Oberholser

Proc. U.S. Nat. Mus. 28: 843, July 8, 1905.

=*Oena capensis capensis* (Linnaeus). See Friedmann, U.S. Nat. Mus. Bull. 153: 234, 235, 1930.

117868. Adult male. "Plains East of Kilimanjaro"=somewhere between Mount Kilimanjaro, Moshi District, Tanganyika Territory, and Taveta, Teita District, Kenya Colony, and at no great distance from the Useri River. December 11, 1888. Collected by William L. Abbott.

Genus TURTUR Boddaert

Chalcopelia afra kilimensis Mearns

Proc. U.S. Nat. Mus. 48: 383, January 19, 1915.

=*Turtur afer afer* (Linnaeus). See Peters, Checklist of birds of the world 3: 112, 1937.

117864. Adult male. Mount Kilimanjaro (at elev. 5,000 feet), Tanganyika Territory. June 8, 1888. Collected by William L. Abbott.

Chalcopelia chalcospila intensa Mearns

Proc. U.S. Nat. Mus. 48:384, January 19, 1915.

=*Turtur chalcospilos chalcospilos* (Wagler). See Friedmann, U.S. Nat. Mus. Bull. 153: 240–242, 1930.

243506. Adult male. "On the Hawash River"=bank of the Hawash River, somewhere between Sadi Malka, where the Jibuti-Addis Ababa railway crosses the river (February 3), and a point at about lat. 8°30′ N., long. 39°30′ E. (February 13), Ethiopia. February 11, 1912. Collected by Edgar A. Mearns. Original number 20178. Childs Frick African Expedition (1911–1912).

Chalcopelia chalcospila media Mearns

Proc. U.S. Nat. Mus. 48: 385, January 19, 1915.

=*Turtur chalcospilos chalcospilos* (Wagler). See Friedmann, U.S. Nat. Mus. Bull. 153: 240–242, 1930.

243515. Adult male. "Near the south end of South Lake Abaya [=Lake Chamo]," near Gardula (lat. 5°35′ N., long. 37°27′ E.), Ethiopia. March 28, 1912. Collected by Edgar A. Mearns. Original number 20885. Childs Frick African Expedition (1911–1912).

Chalcopelia chalcospila acanthina Oberholser

Proc. U.S. Nat. Mus. 28: 845, July 8, 1905.

=*Turtur chalcospilos chalcospilos* (Wagler). See Peters, Checklist of birds of the world 3: 113, 1937.

119253. Adult female. Mount Kilimanjaro (at elev. 5,000 feet), Tanganyika Territory. December 6, 1889. Collected by William L. Abbott.

Genus LEPTOTILA Swainson

Leptotila capitalis Nelson

Proc. Biol. Soc. Washington 12: 6, January 27, 1898.

=*Leptotila verreauxi capitalis* Nelson. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 571, 1942.

156709. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 6, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4287. Received from the U.S. Fish and Wildlife Service.

Leptotila verreauxi nuttingi Ridgway

Proc. Biol. Soc. Washington 28: 107, May 27, 1915.

91130. Adult male. Ometepe Island, in Lake Nicaragua, Nicaragua. March 7, 1883. Collected by Charles C. Nutting. Original number 741.

This specimen was at some unknown period in the possession of Henry K. Coale, in whose collection it was No. 5182.

Leptoptila riottei Lawrence

Ann. Lyc. Nat. Hist. New York 9: 137 (not earlier than April), 1868.

=*Leptotila verreauxi riottei* (Lawrence). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 573, 574, 1942.

43044. Adult male. Navarro, Province of Cartago, Costa Rica. January 1866. Collected by Juan Cooper. Original number 106.

Leptotila insularis Richmond

in Robinson, Proc. U.S. Nat. Mus. 18: 659, August 12, 1896.

=*Leptotila verreauxi verreauxi* (Bonaparte). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 575, 576, 1942.

151639. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 6, 1895. Collected by Wirt Robinson. Original number 437.

Leptoptila chalcauchenia "Salvadori, MS." Sclater and Salvin.
Proc. Zool. Soc. London, p. 633, March 1870.

=*Leptotila verreauxi chlorauchenia* (Giglioli and Salvadori). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 583, 1942.

55859. Adult male. Conchitas (a station of the Ferrocarril del Sud, which, on December 28, 1930, was officially renamed Estación Hudson), near Quilmes, Province of Buenos Aires, Argentina. December 1868. Collected by William H. Hudson. Original number 58.

55860. Adult male. Conchitas (a station of the Ferrocarril del Sud, which, on December 28, 1930, was officially renamed Estación Hudson), near Quilmes, Province of Buenos Aires, Argentina. September 1868. Collected by William H. Hudson. Original number 57.

Leptoptila bonapartii Lawrence
Ann. Lyc. Nat. Hist. New York 10: 15 (not earlier than February), 1871.

=*Leptotila plumbeiceps plumbeiceps* (Sclater and Salvin). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 586, 1942.

29693. Adult male. Playa Vicente ("P. V." on label), State of Veracruz (*cf.* Hellmayr and Conover, *loc. cit.* footnote 2), México. June 1859. Collected by Adolphe Boucard? Received from Auguste Sallé.

Engyptila wellsi Lawrence
Auk 1 (2) : 180, April 1884.

=*Leptotila wellsi* (Lawrence). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 584, 1942.

126924. Adult female. Fontenoy, Saint George's, Grenada Island, Windward Islands, Caribbean Sea. February 16, 1884. Collected by John G. Wells.

Engyptila vinaceiventris Ridgway
Proc. U.S. Nat. Mus. 10: 583, August 6, 1888.

=*Leptotila cassinii cerviniventris* (Sclater and Salvin). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 566, 567, 1942.

112592. Adult male. Trujillo, Department of Colón, Honduras. September 27, 1887. Collected by Charles H. Townsend.

Genus GEOTRYGON Gosse

Geotrygon rufiventris Lawrence
Ann. Lyc. Nat. Hist. New York 11: 90 (not earlier than February), 1875.

=*Geotrygon veraguensis* Lawrence. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 608, 609, 1942; Wetmore, Proc. Biol. Soc. Washington 63: 173, 1950.

68024. Adult (sex not indicated). "Costa Rica, Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). February–May 1874. Collected by Juan Cooper. Received from William M. Gabb.

Oreopeleia lawrencii carrikeri Wetmore

Proc. Biol. Soc. Washington 54: 205, December 8, 1941.

=*Geotrygon lawrencii carrikeri* (Wetmore). See Wetmore, Proc. Biol. Soc. Washington 63: 173, 1950.

359656. Adult female. Volcán San Martín (at elev. 3,000–4,000 feet), Sierra de Tuxtla, State of Veracruz, México. April 17, 1940, Collected by Melbourne A. Carriker, Jr. Original number 766.

Geotrygon goldmani oreas Wetmore

Proc. Biol. Soc. Washington 63: 172, December 29, 1950.

423145. Adult male. Above Quebrada Cauchero (at elev. 1,250 feet), Cerro Chucantí, Serranía de Majé, Province of Panamá, Panamá. March 18, 1950. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 15791.

Geotrygon goldmani Nelson

Smithsonian Misc. Coll. 60 (3) : 2, September 27, 1912.

=*Geotrygon goldmani goldmani* Nelson. See Wetmore, Proc. Biol. Soc. Washington 63: 172, footnote 2, 1950.

232545. Adult male. Mount Pirri (at elev. 5,000 feet), near the head of the Río Limón, Province of Darién, Panamá. March 5, 1912. Collected by Edward A. Goldman. Original number 15293. Received from the U.S. Fish and Wildlife Service.

Geotrygon costaricensis Lawrence

Ann. Lyc. Nat. Hist. New York 9: 136 (not earlier than April), 1868.

30431. Adult (sex not indicated). Las Cruces de la Candelaria (*fide* von Frantzius, Journ. für Orn. 17: 371, 1869), Province of San José, Costa Rica. Entered into the museum register on November 6, 1863. Collected by Alexander von Frantzius. Original number 153.

Oreopeleia mystacea beattyi Danforth

Proc. Biol. Soc. Washington 51: 73, May 19, 1938.

=*Geotrygon mystacea mystacea* (Temminck). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 600, 601, 1942; Wetmore, Proc. Biol. Soc. Washington 63: 173, 1950.

354229. Adult male. Prosperity Garden, Saint Croix, American Virgin Islands, Caribbean Sea. February 20, 1938. Collected by Harry A. Beatty. Received from Stuart T. Danforth, in whose collection it was No. 2996.

Geotrygon sabæ Riley

Proc. Biol. Soc. Washington 16: 13, February 21, 1903.

=*Geotrygon mystacea mystacea* (Temminck). See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1) : 600, 1942; Wetmore, Proc. Biol. Soc. Washington 63: 173, 1950.

80982. Subadult female. Saba Island, Leeward Islands, Caribbean Sea. 1880 (not later than October 23, when it was entered into the museum register). Collected by Frederick A. Ober. Original number 104.

Geotrygon albifacies rubida Nelson

Proc. Biol. Soc. Washington 16: 151, November 30, 1903.

=*Geotrygon linearis rubida* Nelson. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 611, 1942; Wetmore, Proc. Biol. Soc. Washington 63: 173, 1950.

185510. Adult male. Omilteme, State of Guerrero, Mexico. May 19, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9938. Received from the U.S. Fish and Wildlife Service.

Geotrygon cœruleiceps Lawrence

Ann. Lyc. Nat. Hist. New York 9: 136 (not earlier than April), 1868.

=*Geotrygon linearis chiriquensis* Sclater. See Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 614, 615, 1942; Wetmore, Proc. Biol. Soc. Washington 63: 173, 1950.

51266. Adult female. Cervantes, Province of Cartago, Costa Rica. April 15, 1867. Collected by José C. Zeledón. Original number 273.

Columba frenata von Tschudi

Archiv für Naturgeschichte 9: 386, 1843.

=*Geotrygon frenata frenata* (von Tschudi). See Friedmann and Deignan, Zoologica 27: 50, 1942; Hellmayr and Conover, Catalogue of birds of the Americas 1 (1): 617, 1942; Wetmore, Proc. Biol. Soc. Washington 63: 173, 1950.

41931. Adult (sex not indicated). Peru=(probably) Valley of Chanchamayo, Department of Junín, Perú (see Hellmayr and Conover, *loc. cit.*). Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

This form was described from an undisclosed number of cotypes. Hellmayr and Conover (*loc. cit.*) state categorically "type in Neuchâtel Museum," and that at least one other cotype is (or was) there is shown by the fact that Sclater, subsequently to the arrival of our specimen at Washington, examined von Tschudi's "type" (see Proc. Zool. Soc. London, p. 783, 1873).

Genus GALLICOLUMBA Heck

Phlogoenas menagei Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1: 10, December 8, 1894.

=*Gallicolumba menagei* (Bourns and Worcester). See Peters, Checklist of birds of the world 3: 134, 1937.

316129. Adult male. Tawitawi Island, Sulu Province, Philippine Islands. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3533 of the Menage Collection.

316130. Adult male. Tataán, Tawitawi Island, Sulu Province, Philippine Islands. October 19, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3532 of the Menage Collection.

No. 316129 has lost the collectors' label, on which was presumably found full data. The exhibition label it now bears gives only the information listed above.

Peristera pectoralis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 205, "pl. LIX," 1848.

=*Gallicolumba erythroptera* (Gmelin). See Murphy, Amer. Mus. Nov. 115: 8, 9, 1924.

15740. Adult female. Carlshoff Island=Aratika Island (lat. 15°33′25″ S., long. 145°39′ W.), Tuamotu Islands, Oceania. September 3, 1839. Original number 580. U.S. Exploring Expedition (1838–1842).

15741. Adult female. Carlshoff Island=Aratika Island, Tuamotu Islands, Oceania. September 3, 1839. Original number 580. U.S. Exploring Expedition (1838–1842).

Genus DIDUNCULUS Peale

Didunculus strigirostris Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 209, "pl. LX," 1848.

=*Didunculus strigirostris* (Jardine). See Salvadori, Catalogue of the birds in the British Museum 21: 626, 1893.

14806. Adult (sex not indicated). Upolu Island (lat. 13°46′ S., long. 171°20′ W.), Samoan Islands, Oceania. Original number 557. U.S. Exploring Expedition (1838–1842).

Three specimens were taken, of which one (presumably the young "covered with a sepia-coloured down") was lost by the wreck of a ship. Peale's description was based upon an adult male and an adult female, and entries for the two are found in the museum register; No. 21854, however, has vanished without trace.

This bird had been named *Gnathodon strigirostris* by Jardine three years earlier, and while Peale used Jardine's specific name, he credited it to himself. Peale, in fact, knew of Jardine's description (see p. 209, footnote), "but the authorities who had the work in charge made him describe as new everything that *was* new at the time the Expedition collected it! This is explained in Peale's suppressed introduction" (*ex* Richmond MS.). Our specimen is then a type of *strigirostris* of Peale only!

Order PSITTACIFORMES: Lories, Parrots, Macaws

Family PSITTACIDAE: Lories, Parrots, Macaws

Genus KAKATOE Cuvier

Kakatoe parvulus abbotti Oberholser

Proc. U.S. Nat. Mus. 54: 181, November 2, 1917.

=*Kakatoe sulphurea abbotti* Oberholser. See Chasen, Handlist of Malaysian Birds, p. 92, 1935.

181453. Adult male. Pulau Solombo Besar, eastern Java Sea. December 4, 1907. Collected by William L. Abbott.

Genus ARA Lacépède

Ara militaris mexicana Ridgway

Proc. Biol. Soc. Washington 28: 106, May 27, 1915.

155409. Adult male. Manzanillo, State of Colima, México. February 5, 1892. Collected by Edward W. Nelson. Original number 40. Received from the U.S. Fish and Wildlife Service.

Genus ARATINGA Spix

Conurus holochlorus var. brevipes "Baird, M.S." Lawrence

Ann. Lyc. Nat. Hist. New York 10: 14 (not earlier than February or March), 1871.

=*Aratinga holochlora brevipes* (Lawrence). See Peters, Checklist of birds of the world 3: 186, 1937.

39971. Adult male. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. Spring 1865. Collected by Andrew J. Grayson. Original number 1.

Conurus holochlorus strenuus Ridgway

Proc. Biol. Soc. Washington 28: 106, May 27, 1915.

=*Aratinga strenua* (Ridgway). See Peters, Checklist of birds of the world 3: 186, 1937.

91098. Adult male. Ometepe Island, in Lake Nicaragua, Nicaragua. February 23, 1883. Collected by Charles C. Nutting. Original number 654.

C[onurus]. mitratus von Tschudi

Archiv für Naturgeschichte 10: 304, 1844.

=*Aratinga mitrata mitrata* (von Tschudi). See Friedmann and Deignan, Zoologica, New York, 27: 50, 1942.

41926. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

Genus LEPTOSITTACA von Berlepsch and Stolzmann

Leptosittaca branickii von Berlepsch and Stolzmann

Ibis (6) 6: 402, pl. 11, July 1894.

159801. Adult female. "Maraynioc Culumachay" (elev. 10,000 feet), Department of Junín, Perú. March 2, 1893. Collected by Jan Kalinowski. Original number 1911. Received from the Branicki Museum, Warsaw.

This form was based upon a series of two adult males, four adult females, and one immature. All of the six adults have equivalent standing as cotypes.

Genus PYRRHURA Bonaparte

C[onurus]. rupicola von Tschudi

Archiv für Naturgeschichte 10: 304, 1844.

=*Pyrrhura rupicola* (von Tschudi). See Friedmann and Deignan, Zoologica, New York 27: 50, 1942.

41925. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

This bird was described from an unknown number of cotypes. In addition to the specimen here listed, "a type of the species," formerly part of the Sclater Collection, is now in the collection of the British Museum (see Catalogue of the birds in the British Museum 20: 225, 1891).

Genus BOLBORHYNCHUS Bonaparte

Grammopsittaca lineola maculata Ridgway

Proc. Biol. Soc. Washington 28: 106, May 27, 1915.

=*Bolborhynchus lineola maculatus* (Ridgway). See Peters, Checklist of birds of the world 3: 202, 1937.

106056. Adult (sex not indicated). Locality unknown=Perú (see Chapman, Bull. Amer. Mus. Nat. Hist. 33: 632–633, 1914). Entered into the museum register on November 16, 1885. Received from the Department of State, which acquired it from one of the national exhibits (presumably that of Perú) at the World's Industrial and Cotton Centennial Exposition in New Orleans (1884–1885).

Eight imperfect birdskins of three undescribed forms were originally attached to a beaded girdle of Indian manufacture. The belt was first sent to the Division of Ethnology, where the birds were removed for transfer to the Division of Birds.

Genus FORPUS Boie

Psittacula insularis Ridgway

Proc. U.S. Nat. Mus. 10: 534 (in key), 541, August 6, 1888.

=*Forpus cyanopygius insularis* (Ridgway). See Peters, Checklist of birds of the world 3: 203, 1937.

37347. Adult female. Tres Marías Islands, off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 31.

Psittacula exquisita Ridgway

Proc. U.S. Nat. Mus. 10: 533 (in key), 542, August 6, 1888.

=*Forpus passerinus spengeli* (Hartlaub). See Ridgway, Birds of North and Middle America 7: 194, 195, 1916; Peters, Checklist of birds of the world 3: 203, 1937.

70993(=17829 reentered). Adult male. Cartagena, Department of Bolívar, Colombia. Entered into the museum register on July 23, 1860. Collected by Arthur C. V. Schott. Original number 18. U.S. Survey of the Río Atrato.

Cassin, in reporting on the collection (Proc. Acad. Nat. Sci. Philadelphia, p. 132, 1860), stated that the birds of this expedition were taken by Charles J. Wood and William S. Wood, jr. In the museum registers, however, these names are never mentioned, and credit is given only to Schott, who in fact was in charge of natural history, with the Woods as his assistants.

Psittacula deliciosa Ridgway

Proc. U.S. Nat. Mus. 10: 533 (in key), 545, August 6, 1888.

=*Forpus passerinus deliciosus* (Ridgway). See Peters, Checklist of birds of the world 3: 204, 1937.

112453. Adult male. Diamantina Creek, Diamantina, near Santarém and east of the mouth of the Rio Tapajós, State of Pará, Brazil. June 23, 1887. Collected by Clarence B. Riker.

Psittacula passerina vivida Ridgway

Proc. U.S. Nat. Mus. 10:533 (in key), 539, August 6, 1888.

=*Forpus passerinus vividus* (Ridgway). See Peters, Checklist of birds of the world 3: 204, 1937.

46723. Adult male. State of Bahia, Brazil. Entered into the museum register in May 1867. Collected by Antonio F. G. de Lacerda, jr. (not "Mr. Middleton").

Genus BROTOGERIS Vigors

Brotogeris chrysopterus tenuifrons Friedmann

Proc. Biol. Soc. Washington 58: 114, July 18, 1945.

325937. Adult male. Santa Isabel, on the Rio Negro, State of Amazonas, Brazil. October 13, 1930. Collected by Ernest G. Holt, Robert E. R. Blake, and Charles T. Agostini. Original number 3808. National Geographic Society Brazil-Venezuela Expedition.

Genus PIONUS Wagler

P[sittacus]. tumultuosus von Tschudi

Archiv für Naturgeschichte 10: 304, 1844.

=*Pionus tumultuosus* (von Tschudi). See Friedmann and Deignan, Zoologica, New York, 27: 50, 1942.

41927. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

Genus AMAZONA Lesson

Amazona albifrons saltuensis Nelson

Proc. Biol. Soc. Washington 13: 26, May 29, 1899.

164257. Adult male. Camoa (lat. 27°13′ N., long. 109°18′ W.), State of Sonora, México. January 16, 1899. Collected by Edward A. Goldman. Original number 6109. Received from the U.S. Fish and Wildlife Service.

Amazona vittata gracilipes Ridgway

Proc. Biol. Soc. Washington 28: 106, May 27, 1915.

169034. Adult male. Culebra Island (in the Vieques Sound, east of Puerto Rico), Caribbean Sea. February 11, 1899. Collected by Arthur B. Baker. Original number 103.

Chrysotis nichollsi Lawrence

Proc. U.S. Nat. Mus. 3: 254, September 15, 1880.

=*Amazon arausiaca* (P. L. S. Müller). See Ridgway, Birds of North and Middle America 7: 229, 231, 1916.

79948. Adult (probably male). Campbell, Dominica Island, Leeward Islands, Caribbean Sea. (Not later than March) 1879. Received from Henry A. A. Nicholls, who bought it in the market.

Amazona oratrix tresmariæ Nelson

Auk 17 (3): 256, July 1900.

=*Amazona ochrocephala tresmariae* Nelson. See Peters, Checklist of birds of the world 3: 221, 1937.

156735. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 4, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4246. Received from the U.S. Fish and Wildlife Service.

A[mazona]. oratrix Ridgway

Manual of North American birds, p. 587, 1887.

=*Amazona ochrocephala oratrix* Ridgway. See Peters, Checklist of birds of the world 3: 221, 1937.

54206. Adult male. Petapa, State of Oaxaca, México. October 25, 1868. Collected by Adrien L. F. Sumichrast. Original number 102.

Ridgway's name was originally a mere substitute for *Chrysotis levaillantii* G. R. Gray, 1859, not *Amazona levaillantii* Lesson, 1831; it was accompanied by a description of the adult, but no particular specimen was mentioned, and thus, by implication, the type of *oratrix* was the same as the type of Gray's *levaillantii.*

When Nelson, in 1900, separated *A. o. tresmariae* from *A. oratrix,* he stated that "the type of Mr. Ridgway's *A. oratrix* came from Petapa, Oaxaca"; here for the first time the existence of a definite type specimen was suggested.

Since No. 54206 was the only adult from Petapa in the museum, it follows that it must have been the example Nelson and/or Ridgway had in mind for lectotypeship, and since Ridgway's name was accompanied by a full description, the specimen may be considered a valid type.

P[sittacus]. mercenarius von Tschudi

Archiv für Naturgeschichte 10: 303, 1844.

=*Amazona mercenaria mercenaria* (von Tschudi). See Friedmann and Deignan, Zoologica, New York, 27: 50, 1942.

41928. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

Genus GEOFFROYUS Bonaparte

Geoffroyus timorlaoënsis A. B. Meyer

Sitzungsber. und Abhandl. der Naturwissenschaftlichen Gesellschaft Isis zu Dresden, Abhandl., p. 15 (not earlier than July) 1884.

=*Geoffroyus geoffroyi timorlaoensis* A. B. Meyer. See Peters, Checklist of birds of the world 3: 234, 1937.

317785. Female (immature?). Timorlaut (Tanimbar) Islands (between Timor Island and New Guinea), Arafura Sea. May 1883. Collected by Riedel. Original number 7188 (on collector's label) or 7734 (on Dresden type label). Received from the Staatliche Museen für Tier-und Völkerkunde, Dresden, where it was No. 20402.

There were 11 specimens in Meyer's original series, of which (to judge from the statement of Salvadori, Ornitologia della Papuasia e delle Molucche, Aggiunte, p. 35, 1889) but four (three males, one female) were later labeled as cotypes. Since this example bears the blue type label of the Dresden Museum, on which appears the word "Cotypus," it is presumably the "femmina giovane" mentioned by Salvadori.

Genus PRIONITURUS Wagler

Prioniturus malindangensis Mearns

Proc. U.S. Nat. Mus. 36: 437, May 22, 1909.

=*Prioniturus discurus malindangensis* Mearns. See Peters, Checklist of birds of the world 3: 237, 1937.

200887. Adult female. Mount Lebo (at elev. 5,000 feet), a spur of Mount Malindang, Misamis Occidental Province, Mindanao Island, Philippine Islands. May 14, 1906. Collected by Edgar A. Mearns. Original number 14131.

Genus TANYGNATHUS Wagler

Tanygnathus lucionensis siquijorensis Salomonsen

Vidensk. Medd. fra Dansk Naturh. Foren. 115: 220, November 28, 1953.

314890. Adult male. Siquijor Island, Philippine Islands. February 27, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 91 of the Menage Collection.

Genus PSITTACULA Cuvier

Conurus fasciatus abbotti Oberholser

Proc. Biol. Soc. Washington 32: 29, April 11, 1919.

=*Psittacula alexandri abbotti* (Oberholser). See Peters, Checklist of birds of the world 3: 244, 1937.

178825. Adult male. South Andaman Island, Andaman Islands, Bay of Bengal. January 17, 1901. Collected by William L. Abbott.

Conurus fasciatus calus Oberholser

Smithsonian Misc. Coll. 60 (7): 4, October 26, 1912.

=*Psittacula alexandri cala* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 340, 1944.

179664. Adult male. Sibobo Bay, Simulue (Simalur) Island, Barussan Islands, eastern Indian Ocean off Sumatra. October 21, 1902. Collected by William L. Abbott.

Palæornis major Richmond

Proc. Biol. Soc. Washington 15: 188, August 6, 1902.

=*Psittacula alexandri major* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 341, 1944.

179111. Adult male. Pulau Babi, Barussan Islands, eastern Indian Ocean off Sumatra. January 14, 1902. Collected by William L. Abbott.

Conurus fasciatus perioncus Oberholser

Smithsonian Misc. Coll. 60 (7): 4, October 26, 1912.

=*Psittacula alexandri perionca* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 341, 1944.

180817. Adult male. Samasama, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. February 22, 1905. Collected by William L. Abbott.

Genus PROSOPEIA Bonaparte

Platycercus atrogularis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 129, "pl. xxxv," 1848.

=*Prosopeia tabuensis atrogularis* (Peale). See Peters, Checklist of birds of the world 3: 250 (footnote 2), 1937; Mayr, Birds of the Southwest Pacific, p. 133, 1945.

13974. Adult (sex not indicated). Shores of the Fiji Islands=Vanua Levu or Kioa Island, Fiji Islands, Oceania. Original number 335. U.S. Exploring Expedition (1838–1842).

13981. Adult male. Shores of the Fiji Islands=Vanua Levu or Kioa Island, Fiji Islands, Oceania. Original number 335 (not 336, as given on old exhibition label). U.S. Exploring Expedition (1838–1842).

There are seven entries for this form in the museum register. Of these, both No. 13971 and No. 22463 are said to have had the original number 434, which would make them examples of *Anthobaphes violaceus* (Linnaeus). It is possible that No. 22463 is a mere reentry of No. 13971, but in any case the specimens cannot now be found. No. 13973 has vanished without trace. No. 32541 is now in the Museum of Comparative Zoology, where it is No. 17732; our missing No. 32540 may be the cotype No. 74344 of the same museum.

The old exhibition label attached to No. 13981 bears the name *Aprosmictus anna;* it is not, however, the specimen so identified by Cassin, as will appear from a comparison of the bird with Cassin's description.

Platycercus splendens Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 127, "pl. XXXIV," 1848.

=*Prosopeia tabuensis splendens* (Peale). See Peters, Checklist of birds of the world 3: 251, 1937.

13987. Adult female. Shores of Peale's River (=Rewa River), Viti Levu, Fiji Islands, Oceania. Original number 336. U.S. Exploring Expedition (1838–1842).

14974. Adult (sex not indicated). Shores of Peale's River (=Rewa River), Viti Levu, Fiji Islands, Oceania. Original number 336. U.S. Exploring Expedition (1838–1842).

There are five entries for this form in the museum register. Of these, No. 13993 ("young") is probably the specimen of *P. personata* mistaken by Peale for the immature of *splendens.* No. 14974 ("mtd.") is perhaps a reentry of No. 13988 ("mtd."), which would otherwise be left unaccounted for. No. 13994 is then left to represent the specimen now in the Museum of Comparative Zoology (where it is No. 74343).

Genus PSITTINUS Blyth

Psittinus cyanurus pontius Oberholser

Smithsonian Misc. Coll. 60 (7): 5, October 26, 1912.

179643. Adult male. South Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 18, 1902. Collected by William L. Abbott.

Psittinus abbotti Richmond

Proc. Biol. Soc. Washington 15 (37): 188, August 6, 1902.

=*Psittinus cyanurus abbotti* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 342–343, 1944.

179106. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 11, 1901. Collected by William L. Abbott.

Genus LORICULUS Blyth

Loriculus vernalis phileticus Deignan
Proc. Biol. Soc. Washington 69 (36): 207, December 31, 1956.
153682. Adult female. Ban Phra Muang (lat. 7°20′ N., long. 99°30′ E.), Trang Province, Thailand. March 15, 1896. Collected by William L. Abbott.

Loriculus galgulus lamprochlorus Oberholser
Smithsonian Misc. Coll. 60 (7): 5, October 26, 1912.
=*Loriculus galgulus galgulus* (Linnaeus). See Ripley, Bull. Mus. Comp. Zool. 94: 343–344, 1944.
180821. Adult male. Mojeia River, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 14, 1905. Collected by William L. Abbott.

Loriculus galgulus dolichopterus Oberholser
Smithsonian Misc. Coll. 60 (7): 5, October 26, 1912.
=*Loriculus galgulus galgulus* (Linnaeus). See Ripley, Bull. Mus. Comp. Zool. 94: 343, 344, 1944.
180680. Adult female. Enggano Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 6, 1904. Collected by William L. Abbott.

Genus PLATYCERCUS Vigors

Platycercus elegans fleurieuensis Ashby
Emu 17 (1): 44, July 2, 1917.
254919. Adult male. Second Valley, Fleurieu Peninsula, State of South Australia, Australia. March 14, 1917. Collected by Edwin Ashby. Received from Edwin Ashby, of whose private collection it once formed part.
425205. Adult male. Cape Jervis, at the extremity of the Fleurieu Peninsula, State of South Australia, Australia. March 14, 1917. Collected by Frank E. Parsons. Received from the South Australian Museum, where it was No. B. 22752.

Order CUCULIFORMES: Plantain-eaters, Cuckoos

Family MUSOPHAGIDAE: Plantain-eaters

Genus TAURACO Kluk

Turacus hartlaubi cærulescens Mearns
Smithsonian Misc. Coll. 65 (13): 4, November 26, 1915.
=*Tauraco hartlaubi* (Fischer and Reichenow). See Friedmann, U.S. Nat. Mus Bull. 153: 250–251, 1930; Peters, Checklist of birds of the world 4: 7, 1940.

217620. Adult male. North Creek, Mount Gargues (at elev. 6,000 feet), Northern Frontier Province, Kenya Colony. August 28, 1911. Collected by Edmund Heller. Original number 271. Rainey African Expedition (1911).

Turacus hartlaubi medius Mearns

Smithsonian Misc. Coll. 65 (13): 3, November 26, 1915.

=*Tauraco hartlaubi* (Fischer and Reichenow). See Friedmann, U.S. Nat. Mus. Bull. 153: 250–251, 1930; Peters checklist of birds of the world 4: 7, 1940.

214870. Adult female. Mount Kenya (at elev. 10,000 feet), at the junction of Embu, Meru, North Nyeri, and South Nyeri Districts, Kenya Colony. October 4, 1909. Collected by Edgar A. Mearns. Original number 17008. Smithsonian African Expedition.

Turacus hartlaubi crissalis Mearns

Smithsonian Misc. Coll. 65 (13): 3, November 26, 1915.

=*Tauraco hartlaubi* (Fischer and Reichenow). See Friedmann, U.S. Nat. Mus. Bull. 153: 250–251, 1930; Peters, Checklist of birds of the world 4: 7, 1940.

217621. Adult female. Mount Mbololo (at elev. 4,000 feet), east of Mount Kilimanjaro at lat. 3° S., Kenya Colony. November 9, 1911. Collected by Edmund Heller. Original number 418. Rainey African Expedition (1911).

Genus CORYTHAEOLA Heine

Corythæola cristata yalensis Mearns

Smithsonian Misc. Coll. 65 (13): 5, November 26, 1915.

217630. Adult male. Yala River, in the general vicinity of Kakamega and Kaimosi, North Kavirondo District, Kenya Colony. February 7, 1912 (not 1911). Collected by Edmund Heller. Original number 454. Rainey African Expedition (1911).

Family CUCULIDAE: Cuckoos, Roadrunners, Anis

Genus CUCULUS Linnaeus

Cuculus peninsulæ Stejneger

U.S. Nat. Mus. Bull. 29: 227 (not earlier than July), 1885.

=*Cuculus saturatus horsfieldi* Moore. See Hartert, Vögel der paläarktischen Fauna 2: 949, 1912; Junge, Temminckia 2: 198–202, 1937.

89128. Adult female. Copper Island, Commander Islands, Southwestern Bering Sea. June 19, 1882. Collected by Leonhard H. Stejneger. Original number 1213.

The flattened wing of this specimen measures 201 mm.

Cuculus fucatus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 136, "pl. XXXVII, fig. 2," 1848.

=*Cuculus saturatus saturatus* Blyth. See Junge, Temminckia 2: 201–202, 1937.

14018. Adult male. Mangsi Island (8 miles north of Banggai Island), in the Balábac Strait, north of British North Borneo. February 9–12, 1842 (*fide* Wilkes, Narrative of the United States Exploring Expedition 5: 381–387, 1845). Original number 384. U.S. Exploring Expedition (1838–1842).

Genus CACOMANTIS S. Müller

Cacomantis merulinus subpallidus Oberholser

Smithsonian Misc. Coll. 60 (7): 5, October 26, 1912.

=*Cacomantis merulinus threnodes* Cabanis and Heine. See Ripley, Bull. Mus. Comp. Zool. 94: 345, 1944.

179682. Subadult male. Lafau, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 26, 1903. Collected by William L. Abbott.

Cuculus simus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 134, "pl. XXXVII, fig. 1," 1848.

=*Cacomantis pyrrophanus simus* (Peale). See Peters, Checklist of birds of the world 4: 28, 1940.

14008. Adult male. Sandalwood Bay, at the western end of Vanua Levu, Fiji Islands, Oceania. July 20, 18—. Original number 379. U.S. Exploring Expedition (1838–1842).

Genus SURNICULUS Lesson

Surniculus lugubris massorhinus Oberholser

Journ. Washington Acad. Sci. 14 (13): 300, July 19, 1924.

=*Surniculus lugubris dicruroides* (Hodgson). See Chasen, Handlist of Malaysian birds, p. 122, 1935.

181212. Adult female. Siak River (of which the mouth is at about lat. 1°12′ N., long. 102°00′ E.), eastern Sumatra. January 3, 1907. Collected by William L. Abbott.

Surniculus lugubris barussarum Oberholser

Smithsonian Misc. Coll. 60 (7): 5, October 26, 1912.

179679. Adult female. Tana Bala Island, Barussan Islands, eastern Indian Ocean off Sumatra. February 10, 1903. Collected by William L. Abbott.

Genus EUDYNAMYS Vigors and Horsfield

Eudynamis scolopacea dolosa Ripley

Auk 63 (2) : 241, April 8, 1946.

=*Eudynamys scolopacea dolosa* Ripley.

178508. Adult male. Barren Island, Andaman Islands, Bay of Bengal. January 7, 1901. Collected by William L. Abbott.

Genus URODYNAMIS Salvadori

Eudynamys cuneicauda Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 139, "pl. XXXVIII, fig. 2," 1848.

=*Urodynamis taitensis* (Sparrman). See Bogert, Amer. Mus. Nov. 933: 1, 1937.

14035. Immature (sex not indicated). Ovalau Island (lat. 17°40′46″ S., long. 178°52′40″ E.), Fiji Islands, Oceania. May 18—. Original number 393. U.S. Exploring Expedition (1838–1842).

Urodynamis taitensis pheletes Wetmore

Proc. Biol. Soc. Washington 30: 1, January 22, 1917.

=*Urodynamis taitensis* (Sparrman). See Bogert, Amer. Mus. Nov. 933: 1, 4, 1937.

124653. Adult female. Otago Province, South Island, New Zealand. Entered into the museum register on October 26, 1891. Collected by W. Smythe. Received from the Auckland Museum.

Genus COCCYZUS Vieillot

C[occyzus]. americanus occidentalis Ridgway

Manual of North American birds, p. 273, September 1887.

=*Coccyzus americanus occidentalis* Ridgway. See Peters, Checklist of birds of the world 4: 42, 1940.

99204. Adult male. Gardner's Ranch, Santa Rita Mountains, Santa Cruz County, Arizona. June 29, 1884. Collected by Edward W. Nelson. Original number 223.

Ridgway gave no specific type locality for this race, which was described from a series of at least nine specimens. Since the describer himself wrote the name on the red type label, and no other example came from the same place, No. 99204 may properly be considered the sole type.

Coccyzus minor palloris Ridgway

Proc. Biol. Soc. Washington 28: 105, May 27, 1915.

198745. Adult female. Pigres (at the point where the Río Grande de Tárcoles enters the Gulf of Nicoya), Province of Puntarenas, Costa Rica. February 3, 1905. Collected by Robert Ridgway.

C[occyzus]. maynardi Ridgway
Manual of North American birds, p. 274, September 1887.
=*Coccyzus minor maynardi* Ridgway. See Peters, Checklist of birds of the world 4: 42, 1940.
105446. Adult male. Ten Thousand Islands, Collier or Monroe County, Florida. May 1885. Received from Charles K. Worthen.

The type locality for this form was given as "Bahamas and Florida Keys." That No. 105446 may be considered the sole type is indicated by the facts that the name on the red type label is in Ridgway's hand; that the race was named for Maynard, with a reference to his studies of Floridian birds; and that this specimen was apparently the only one seen from Florida.

Coccyzus minor rileyi Ridgway
Proc. Biol. Soc. Washington 28: 105, May 27, 1915.
191153. Adult male. Barbuda Island, Leeward Islands, Caribbean Sea. August 23, 1903. Collected by H. G. Selwyn Branch.

Genus SAUROTHERA Vieillot

Saurothera longirostris petersi Richmond and Swales
Proc. Biol. Soc. Washington 37: 105, March 17, 1924.
=*Saurothera vetula petersi* Richmond and Swales. See Peters, Checklist of birds of the world 4: 50, 1940.
251486. Adult male. Near La Mahotière, Île de la Gonâve (in the Gulf of Gonaïves), Hispaniola. February 20, 1918. Collected by William L. Abbott.

Genus RHOPODYTES Cabanis and Heine

Phœnicophæus nigriventris Peale
U.S. Exploring Expedition 8 (Mamm. and Orn.): 140, "pl. XXXIX, fig. 1," 1848.
=*Rhopodytes diardi diardi* (Lesson). See Meyer de Schauensee, Proc. Acad. Nat. Sci. Philadelphia 98: 20, 1946.
14047. Adult (sex not indicated). Singapore Island, Malaya. Collected by Titian R. Peale. Original number 401. U.S. Exploring Expedition (1838–1842).

Peale referred to "specimens," but the exact number is now unknown. The museum register shows two entries; No. 14046 is now in the Museum of Comparative Zoology, where it is No. 75754.

Rhopodytes sumatranus minor Riley
Proc. Biol. Soc. Washington 51: 96, May 19, 1938.
181804. Adult male. Tanjong Batu (lat. 2°18′ N., long. 118°05′ E.), eastern Borneo. August 25, 1912. Collected by Harry C. Raven. Original number 119 or 119 *bis*.

Genus RHINORTHA Vigors

Anadænus ruficauda Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 142, "pl. XXXIX, fig. 2," 1848.

=*Rhinortha chlorophaea chlorophaea* (Raffles). See Chasen, Handlist of Malaysian birds, p. 132, 1935.

14048. Adult female (not male). Singapore Island, Malaya. Original number 403. U.S. Exploring Expedition (1838–1842).

14050. Adult female (not male). Same data as No. 14048.

Peale referred to "specimens," and Cassin's MS. list indicates that he saw three, a number that agrees with the entries in the museum register. No. 14045 is now in the Museum of Comparative Zoology (where it is No. 75755).

Peale did not understand the plumages of this dimorphic species. Mistaking the males for females, he correctly placed them under the name *chlorophaea;* the females, believed to be males, he described as a new species, with the reservation that they might prove to be the old male of *chlorophaea.* Cassin properly synonymized *ruficauda* with *chlorophaea,* but his MS. notes show that he also attributed each style of plumage to the wrong sex. As a result, the old exhibition labels still attached to the specimens say "Male?" in the case of females, and "Female?" in the case of males.

Rhinortha chlorophaea facta Ripley

Auk 59 (4) : 575, October 10, 1942.

179678. Adult male. Tana Massa Island, Barussan Islands, eastern Indian Ocean off Sumatra. February 20, 1903. Collected by William L. Abbott.

Genus RHAMPHOCOCCYX Cabanis and Heine

Rhamphococcyx centralis Riley

Proc. Biol. Soc. Washington 31: 156, December 30, 1918.

=*Rhamphococcyx calyorhynchus centralis* Riley. See Stresemann, Journ. für Orn. 88: 459–460, 1940; Peters, Checklist of birds of the world 4: 55, 1940.

250806. Adult male. Rano Lindu, near the Lindu Lake, central Celebes. March 21, 1917. Collected by Harry C. Raven. Original number 3989.

Genus MOROCOCCYX Sclater

Morococcyx erythropygus mexicanus Ridgway

Proc. Biol. Soc. Washington 28: 105, May 27, 1915.

29235. Adult male. Juchitán, State of Oaxaca, México. March 1862. Collected by Adrien L. F. Sumichrast. Original number 24.

Genus DROMOCOCCYX Wied

Dromococcyx gracilis Ridgway

Proc. U.S. Nat. Mus. 8: 559, October 26, 1885.

=*Dromococcyx pavoninus* von Pelzeln. See Ridgway, Birds of North and Middle America 7: 87 (footnote *a*), 1916.

81853. Adult (sex not indicated). Demerara County, British Guiana. Acquired by Robert Ridgway from the collector in January 1879. Collected by Otto Lugger. Original number 80. Received on April 7, 1881, from Robert Ridgway, in whose private collection it had no number.

Genus CENTROPUS Illiger

Centropus carpenteri Mearns

Philippine Journ. Sci. 2 (5) sec. A: 356, October 1907.

=*Centropus viridis carpenteri* Mearns. See McGregor, Philippine Journ. Sci. 2 (5) sec. A: 340, October 1907; Peters, Checklist of birds of the world 4: 71, 1940 (where reference is made only to Mearns's name).

201874. Adult male. Santo Domingo de Basco (in the foothills of Mount Irada), Batán Island, Philippine Islands. May 27, 1907. Collected by William D. Carpenter. Original number 14. Received from Edgar A. Mearns (in whose private collection it was No. 15190).

The specimen here listed is the type of Mearns's description only; the types of McGregor's were one male and four females in the collection of the Philippine Bureau of Science.

Centropus toulou chamnongi Deignan

Proc. Biol. Soc. Washington 68 (23) : 146, October 31, 1955.

450015. Adult female (in nuptial plumage). Ban Khlong Khlung (lat. 16°10′ N., long. 99°45′ E.), Kamphaeng Phet Province, Thailand. April 16, 1953. Collected by Herbert G. Deignan. Original number 1560.

Centropus insularis Ridgway

Proc. U.S. Nat. Mus. 17: 373, November 15, 1894.

=*Centropus toulou insularis* Ridgway. See Peters, Checklist of birds of the world 4: 71, 1940.

128715. Subadult female. Aldabra Island, western Indian Ocean. October 3, 1892. Collected by William L. Abbott.

Centropus nigrifrons Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 137, "pl. XXXVIII, fig. 1," 1848.

=*Centropus melanops melanops* Lesson. See Hachisuka, Birds of the Philippine Islands 2: 220, 1934.

14044. Adult male. Forest near Caldera Bay (about 10 miles northwest of Zamboanga), Zamboanga Province, Mindanao Island, Philippine

Islands. January 31 or February 1, 1842. Original number 395. U.S. Exploring Expedition (1838–1842).

Order STRIGIFORMES: Owls

Family TYTONIDAE: Barn-owls

Genus TYTO Billberg

Strix lulu Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 74, "pl. XXI," 1848.

=*Tyto alba lulu* (Peale). See Peters, Checklist of birds of the world 4: 80, 1940.

13878. Adult (sex not indicated). Samoan Islands, Oceania. Original number 30. U.S. Exploring Expedition (1838–1842).

13881. Adult (sex not indicated). Samoan Islands, Oceania. Original number 30. U.S. Exploring Expedition (1838–1842).

Although Cassin's MS. list indicates that he saw but four specimens, the museum register contains five entries for this form. No. 13877, from Ovalau Island in the Fijis, was sent to the Chicago Academy of Sciences in 1870, as was also No. 13882, a female from the Samoan Islands; both were destroyed there in the Great Fire. No. 13883, from the Samoan Islands, is now No. 75665 in the Museum of Comparative Zoology.

Strix flammea, var. Guatemalæ Ridgway

in Baird and Ridgway, Bull. Essex Inst. 5: 200, December 1873.

=*Tyto alba guatemalae* (Ridgway). See Peters, Checklist of birds of the world 4: 80, 1940.

40960. Immature (sex not indicated). Chinandega, Department of Chinandega, Nicaragua. Entered into the museum register on January 9, 1866. Collected by Fred Hicks. Received through Albert Hopkins from the Williams College Lyceum of Natural History.

40961. Adult (sex not indicated). Same data as No. 40960.

40963. Adult (sex not indicated). Same data as No. 40960.

This form, said to occur from Panamá to Guatemala, was based upon a series of 13 specimens. If a restricted type locality were to be chosen, one might suppose, from the name, that it should properly lie somewhere in Guatemala, but as late as 1914 (Birds of North and Middle America 6: 610, footnote *a*), Ridgway had not yet even seen a Guatemaltecan example and at this time and place he himself restricted the type locality to Chinandega in Nicaragua.

Since at least two races occur within the range originally adduced for *guatemalae*, a restriction was necessary, and accordingly, of the original material, only the specimens from Chinandega are here treated as cotypes. In addition to those listed, there was a fourth, No. 40962; it was sent on November 25, 1872, to "Tabour College."

Tyto perlatus lucayanus Riley

Proc. Biol. Soc. Washington 26: 153, June 30, 1913.

=*Tyto alba lucayana* Riley. See Bond, Checklist of birds of the West Indies, p. 65, 1945.

189671. Adult male. New Providence Island, Bahama Islands. June 20 (not 30), 1903. Collected by Joseph H. Riley. Original number 50. Geographical Society of Baltimore Bahama Expedition.

Tyto alba subandeana L. Kelso

Biol. Leaflet 9: [1], April 21, 1938.

16574. Adult (sex not indicated). "Bogotá," Colombia. Entered into the museum register on February 17, 1860. Received from Walter Evans.

Tyto alba zottae L. Kelso

Biol. Leaflet 9: [1], April 21, 1938.

=*Tyto alba tuidara* (J. E. Gray). See Peters, Checklist of birds of the world 4 : 81, 1940.

161935. Adult female. The Pacific Slope Cordillera of the Andes, at the head of the Río Chico de Santa Cruz, Territory of Santa Cruz, Argentina. February 8, 1897. Collected by John B. Hatcher. Received (in October 1897) from William B. Scott. Princeton University Expeditions to Patagonia (1896–1899).

Strix flammea var. nigrescens Lawrence

Proc. U.S. Nat. Mus. 1: 64, September 12, 1878.

=*Tyto alba nigrescens* (Lawrence). See Peters, Checklist of birds of the world 4: 81, 1940.

77843. Adult male. Dominica Island, Leeward Islands, Caribbean Sea. September 20, 1877. Collected by Frederick A. Ober. Original number 375.

Ober's label states that his No. 375 is "Mate to #374." No. 374 is of course the female cotype, which seems never to have been entered into the museum register; it probably became part of Lawrence's private collection.

Genus PHODILUS Geoffroy Saint Hilaire

Phodilus badius abbotti Oberholser

Journ. Washington Acad. Sci. 14: 302, July 19, 1924.

=*Phodilus badius badius* (Horsfield). See Peters, Checklist of birds of the world 4: 86, 1940; Deignan, U.S. Nat. Mus. Bull. 186: 172, 1945.

172948. Adult (sex not indicated). "Bought in Penang, said to have been shot in Province Wellesley," Malaya. Entered into the museum register on September 17, 1900. Received from William L. Abbott.

Phodilus badius arixuthus Oberholser

U.S. Nat. Mus. Bull. 159: 40, 1932.

174676. Adult male. Bunguran (Great Natuna) Island, North Natuna Islands, South China Sea. July 16, 1900. Collected by Malays for William L. Abbott.

Family STRIGIDAE: Owls

Genus OTUS Pennant

Otus senegalensis distans Friedmann and Deignan

Journ. Washington Acad. Sci. 29 (7): 287, July 15, 1939.

=*Otus scops distans* Friedmann and Deignan. See Delacour, Zoologica, New York 26: 138–139, 1941.

349931. Adult female. Sathani Mae Tha (lat. 18°30′ N., long. 99°10′ E.), Province of Chiang Mai, northwestern Siam. February 20, 1936. Collected by Herbert G. Deignan. Original number 1006.

Megascops flammeolus idahoensis Merriam

North American Fauna 5: 96, pl. 1, July 30, 1891.

=*Otus scops idahoensis* (Merriam), *fide* Aldrich MS.

119654. Adult male. "On a mountain on the west side of Big Wood River, only a few miles north of Ketchum," Blaine County, Idaho. September 22, 1890. Collected by Clinton H. Merriam and Vernon O. Bailey. Received from the U.S. Fish and Wildlife Service.

Otus senegalensis caecus Friedmann

Auk 46 (4): 521, October 10, 1929.

=*Otus scops caecus* Friedmann. See Delacour, Zoologica, New York 26: 140, 1941.

243663. Adult female. Sadi Malka (at the point where the Jibuti-Addis Ababa railway crosses the Hawash River), Ethiopia. February 1, 1912. Collected by Edgar A. Mearns. Original number 20046. Childs Frick African Expedition (1911–1912).

Pisorhina umbra Richmond

Proc. U.S. Nat. Mus. 26: 494, February 4, 1903.

=*Otus scops umbra* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 349, 1944.

179101. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 29, 1901. Collected by William L. Abbott.

Otus umbra enganensis Riley

Proc. Biol. Soc. Washington 40: 93, June 30, 1927.

=*Otus scops enganensis* Riley. See Ripley, Bull. Mus. Comp. Zool. 94: 349, 1944.

180711. Adult female (rufous phase). Enggano Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 12, 1904. Collected by William L. Abbott.

Otus steerei Mearns

Proc. U.S. Nat. Mus. 36: 437, May 22, 1909.

=*Otus manadensis sibutuensis* (Bowdler Sharpe). See Hachisuka, Birds of the Philippine Islands 2: 57, 1934; Peters, Checklist of birds of the world 4: 96, 1940.

210752. Adult male. Tumindao Islet, off Sitanki Island (just west of Sibutu Island), in the southwesternmost group of the Sulu Archipelago, Philippine Islands. October 13, 1906. Collected by Edgar A. Mearns. Original number 14421.

Otus bakkamoena cnephaeus Deignan

Auk 67 (2): 195, April 28, 1950.

179456. Adult female. On the Rumpin River, southern Pahang State, Malaya. July 22, 1902. Collected by William L. Abbott.

Otus bakkamoena hypnodes Deignan

Auk 67 (2) : 196, April 28, 1950.

181065. Adult male. Pulau Padang, an island off the mouth of the Siak River, eastern Sumatra. March 25, 1906. Collected by William L. Abbott.

Otus asio lemurum Deignan

Proc. Biol. Soc. Washington 70 (8) : 43, June 28, 1957.

=*Otus bakkamoena lemurum* Deignan, *fide* Deignan (MS.).

461686. Adult male. Kanowit, Sarawak. April 29, 1952. Collected by Alastair R. G. Morrison. Original number 1/52. Received from the Sarawak Museum, Kuching.

Scops Kennicottii Elliot

Proc. Acad. Nat. Sci. Philadelphia, p. 99 (not earlier than September 24), 1867.

=*Otus asio kennicottii* (Elliot). See Peters, Checklist of birds of the world 4: 100, 1940.

45847. Adult male. Sitka, Baranof Island, Alaska. March 1866. Collected by Ferdinand Bischoff. Collins Overland Telegraph Company Expedition.

In the original description, Elliot stated that the holotype "belongs to the Academy of Natural Sciences of Chicago, by the kindness of whose officers I am enabled to bring this bird to the notice of ornithologists." The specimen was, however, entered into our register as early as March 8, 1867, and seems never to have left the U.S. National Museum, although four of the other five owls received at the same time from the same expedition were sent to Chicago in "1866" and 1867.

Otus asio brewsteri Ridgway

Birds of North and Middle America 6: 685 (in key), 700, April 8, 1914.

120014. Adult male. Salem, Marion County, Oregon. February 17, 1891. Collected by Clinton T. Cooke. Original number 974. Received from William Warner and Clinton T. Cooke.

Scops asio, ε. maxwelliæ Ridgway

Field and Forest 2: 213, June 1877.

=*Otus asio maxwelliae* (Ridgway). See Peters, Checklist of birds of the world 4 : 101, 1940.

81893. Adult (sex not indicated). Mountains of Boulder County, Colorado. Collected by Martha Ann Dartt (Mrs. James A. Maxwell). Received from Robert Ridgway, of whose private collection it formed a part.

84447. Adult (sex not indicated). Same data as No. 81893.

The total number of cotypes is not now known; Ridgway referred simply to specimens in his own collection and in Mrs. Maxwell's Colorado Museum. At least one other (USNM 81894) was in the Ridgway Collection, but, although it was entered into the museum register as a "type," the fact that it is a juvenile seems to remove it from serious consideration in this respect.

Scops asio, var. **Floridanus** Ridgway

in Baird and Ridgway, Bull. Essex Inst. 5: 200, December 1873.

=*Otus asio floridanus* (Ridgway). See Peters, Checklist of birds of the world 4: 101, 1940.

5857. Adult (sex not indicated). Indian River, Florida. Entered into the museum register in 1857 (prior to February 27). Collected by Asa Wall.

Asa Wall of Virginia was appointed Assistant Surgeon in the United States Army on August 29, 1856, and seems to have been first stationed at Fort Capron, an installation on the mainland opposite Indian River Inlet (Fort Pierce Inlet). The type locality of this form might then be restricted to the vicinity of Saint Lucie, Saint Lucie County, Florida, a town virtually on the site of the old fort.

Otus asio hasbroucki Ridgway

Birds of North and Middle America 6: 684 (in key), 694, April 8, 1914.

153359. Adult male. McClenny's Pasture, about 10–15 miles in a southerly direction from Palo Pinto (*fide* a verbal statement of the collector), Palo Pinto County, Texas. September 9, 1888. Collected by Edwin M. Hasbrouck. Original number 523. Received in 1896 as part of the Hasbrouck Collection.

Otus asio mychophilus Oberholser

Journ. Washington Acad. Sci. 27 (8): 356, August 15, 1937.

340593. Adult female. Grand Canyon Village (elev. 6,900 feet), South Rim of the Grand Canyon of the Colorado River, Coconino County, Arizona. January 28, 1935. Collected by Russell K. Grater. Original number 23. Received from the U.S. Fish and Wildlife Service, which acquired it from the Grand Canyon National Park Museum (where it was No. B–148).

Scops McCallii Cassin

in Cassin and Stevens, Illustrations of the birds of California, Texas, and British and Russian America, p. 180, July 1854.

=*Otus asio mccallii* (Cassin). See Peters, Checklist of birds of the world 4: 102, 1940.

9171. Adult (sex not indicated). Río Bravo del Norte=Texas, in the lower Rio Grande Valley. September 9, 1853. Collected by Arthur C. V. Schott. United States-Mexican Boundary Survey.

Megascops asio cineraceus Ridgway

Auk 12 (4): 390, October 1895.

=*Otus asio cineraceus* (Ridgway). See Peters, Checklist of birds of the world 4: 102, 1940.

110912. Adult male. Fort Huachuca, Cochise County, Arizona. February 24, 1885. Collected by Harry C. Benson. Original number 284.

110914. Adult male. Fort Huachuca, Cochise County, Arizona. April 4, 1887. Collected by Harry C. Benson. Original number 512.

This name is based upon the series erroneously identified as "*M* [*egascops*]. *asio trichopsis* (Wagl.)" by Ridgway (Manual of North American birds, p. 261, 1887). No type or type locality was mentioned, and the original material included the form later to be named *aikeni* by Brewster (Auk 8: 139, 1891).

In 1910 Swarth, in naming *O. a. gilmani* (Univ. California Publ. Zool. 7 : 1), observed: "In response to a request for information regarding the type locality of *cineraceus* (which is not indicated . . .), Mr. Ridgway kindly sent me as a topotype a specimen collected at Fort Huachuca, Arizona . . ."

The specimen sent was No. 110912, which has subsequently been considered the type. Its claim to this distinction seems, however, to have no more validity than that of No. 110914, one of the original series from the same locality; both specimens are therefore here considered equivalent cotypes.

Otus asio clazus Oberholser

Journ. Washington Acad. Sci. 27 (8): 357, August 15, 1937.

186186. Adult male. San Jacinto Mountains (at elev. 5,500 feet), Riverside County, California. April 28, 1903. Collected by Frank Stephens. Original number 6221.

Megascops ridgwayi Nelson and T. S. Palmer

Auk 11 (1): 40, January 1894.

=*Otus trichopsis trichopsis* (Wagler). See Ridgway, Birds of North and Middle America 6: 704, 707, 1914; Moore and Peters, Auk 56: 44, 1939.

131518. Immature (sex not indicated). "In the pines at an altitude of 8,500 feet," Pátzcuaro, State of Michoacán, México. July 23, 1892. Collected by Edward W. Nelson. Original number 218. Received from the U.S. Fish and Wildlife Service.

Megascops hastatus Ridgway

Proc. U.S. Nat. Mus. 10: 268, August 1, 1887.

=*Otus guatemalae hastatus* (Ridgway). See Moore and Peters, Auk 56: 49, 1939.

85673. Adult (sex not indicated). "La Paz, L. Cal.," error; Ridgway (*loc. cit.*, footnote) suggests Mazatlán, State of Sinaloa, México, as probably the true provenience. Winter 1879 (not 1877). Received from Edward W. Nelson, who purchased it in San Francisco "from a collector who had recently returned from Lower California."

[Scops brasilianus] ε. cassini Ridgway

Proc. U.S. Nat. Mus. 1: 90 (*nomen nudum*), 102, September 12, 1878.

=*Otus guatemalae cassini* (Ridgway). See Moore and Peters, Auk 56: 51, 1939.

27115. Adult (sex not indicated). Hacienda "Mirador," State of Veracruz, Mexico. 1861 or 1862. Collected by Carlos Sartorius. Original number 53.

33556. Adult female. Hacienda "Mirador," State of Veracruz, Mexico. November 1863. Collected by Carlos Sartorius. Original number 149.

No. 33556 has had the facial feathers slightly scorched, with the result that the bristly tips have been to a great extent destroyed.

Megascops pinosus Nelson and T. S. Palmer

Auk 11 (1): 39, January 1894.

=*Otus guatemalae cassini* (Ridgway). See remarks below.

131517. Immature male. In the pines at the northeastern base of the Cofre de Perote (at elev. over 8,000 feet), near Las Vigas, State of Veracruz, México. June 9, 1893. Collected by Edward W. Nelson. Original number 1235. Received from the U.S. Fish and Wildlife Service.

The writer is hesitant to set forth an opinion on this critical form, but would suggest that if less stress had been placed on the fact that this juvenile has the toes bristled, the putative race or species *pinosus* would have been synonymized long since with *Otus guatemalae cassini* (Ridgway).

Moore and Peters (Auk 56: 46, 1939) claim that the type has "all the earmarks of a *trichopsis*, including small feet, bristled toes, typical juvenile indications of the white spots of collar on hind neck, the inner web of the outermost primary without any whitish spots and the bristly tips to the feathers of the face greatly developed." The small feet are to be expected in a juvenile male; the bristled toes may be usual in the young of *cassini* or may represent individual variation; the collar appearing on the hind neck is quite like that of the types of *cassini;* the outermost primary is still so largely ensheathed as to make it unprofitable to discuss the potential characters of the base of its inner web; the bristly tips to the feathers of the face are developed precisely as in *cassini.* When we add to all this the fact that the type of *pinosus* has the upper parts of exactly the same dark brown as the types of *cassini,* the type locality of which is in Veracruz, it is difficult to believe that *pinosus* is anything but the young of *cassini.*

Megascops marmoratus Nelson

Auk 14(1): 49, January 1897.

=*Otus guatemalae guatemalae* (Bowdler Sharpe). See Moore and Peters, Auk 56: 50, 1939.

155676. Adult female. Catemaco, State of Veracruz, México. May 4, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2002. Received from the U.S. Fish and Wildlife Service.

Megascops vermiculatus Ridgway

Proc. U.S. Nat. Mus. 10: 267, August 1, 1887.

=*Otus guatemalae vermiculatus* (Ridgway). See Moore and Peters, Auk 56: 53, 1939.

55978. Adult (sex not indicated). Costa Rica. Entered into the museum register on June 15, 1869. Collected by José Castulo Zeledón. Received from Albert G. Lawrence.

Otus vermiculatus helleri L. Kelso

Biol. Leaflet 12: [1], November 23, 1940.

=*Otus guatemalae helleri* L. Kelso, *fide* Deignan (MS.).

273069. Adult female. Río Comberciato, in the vicinity of its confluence with the Río Urubamba (elev. 4,000 feet), Department of Cuzco, Perú. September 13, 1915. Collected by Edmund Heller. Original number 501. Yale-National Geographic Peruvian Expedition (1914–1915).

Scops cooperi Ridgway

Proc. U.S. Nat. Mus. 1: 116, October 9, 1878.

=*Otus cooperi* (Ridgway). See Moore and Peters, Auk 56: 48, 1939.

74207. Adult female. Santa Ana de Escazú, Province of San José, Costa Rica. September 4, 1875. Collected by José Castulo Zeledón. Original number 738.

74552 (=43054 reentered). Immature female. San José, Province of San José, Costa Rica. May 10, 1866. Collected by José Castulo Zeledón. Original number 240.

Although several Costa Rican villages are named Santa Ana, that the provenience of No. 74207 is the one near San José, as suggested by Carriker (Ann. Carnegie Mus. 6: 353, 1910), is indicated by the fact that Ridgway's original MS. name for this form was "*sancti-josephi.*"

Otus choliba alticola L. Kelso

Biol. Leaflet 8: [1], July 24, 1937.

80067 (=66645 reentered). Adult (sex not indicated). "Bogotá," Colombia. Acquired as part of a collection entered into the museum register on August 18, 1873, although this specimen was set aside as unidentifiable and not entered (simply as "*Otus*") until May 13, 1874. Received from Stephen A. Hurlbut and George H. Hurlbut.

For an unknown length of time between 1874 and June 23, 1880 (when it was reentered into the register as No. 80067), the bird was in the private collection of Robert Ridgway, where it was No. 2270; during this period the museum label was removed and Ridgway's own attached, with the data incorrectly copied—the locality given as "Guatamala" and the collector as "Van Patten"!

Otus choliba pintoi L. Kelso

Biol. Leaflet 8: [1], July 24, 1937.

=*Otus atricapillus* (Temminck). See Peters, Checklist of birds of the world 4: 106, 1940.

50946. Adult (sex not indicated). Brazil (probably Rio Grande do Sul, from which state certain other skins were received from the same source). Entered into the museum register on May 5, 1868. Collected by Frederico de Albuquerque.

Genus BUBO Duméril

Asio magellanicus algistus Oberholser

Proc. U.S. Nat. Mus. 27: 178 (in key), 190, January 22, 1904.

=*Bubo virginianus algistus* (Oberholser). See Peters, Checklist of birds of the world 4: 110, 1940.

70276. Adult (sex not indicated). Saint Michael, on the southern shore of Norton Sound, western Alaska. April 28, 1875. Collected by Lucien McS. Turner. Original number 138. Received from the U.S. Signal Office.

Asio magellanicus lagophonus Oberholser

Proc. U.S. Nat. Mus. 27 : 178 (in key), 185, January 22, 1904.

=*Bubo virginianus lagophonus* (Oberholser). See Peters, Checklist of birds of the world 4: 110, 1940.

88377. Adult male. Fort Walla Walla, Walla Walla County, Washington. November 13, 1881. Collected by — Cullum for Charles E. Bendire.

B[ubo]. virginianus saturatus Ridgway

Rep. U.S. Geol. Expl. 40th Parallel 4 (3) Orn.: 572 (footnote), 1877.

=*Bubo virginianus saturatus* Ridgway. See Peters, Checklist of birds of the world 4: 111, 1940.

11792. Adult female. Camp Semiahmoo, Whatcom County, Washington. December 12, 1858. Collected by Caleb B. R. Kennerly. Original number 166. Northwestern Boundary Commission.

In the first sketchy description, this race was said to be "a northern littoral form," but no definite locality or specimen was mentioned. In 1887 (Manual of North American birds, p. 263) Ridgway gave the range as "Northwest coast, from Oregon to Alaska."

The material available to Ridgway in 1877 came from Sitka, Alaska, and three different localities in northwestern Washington. In 1904 (Proc. U.S. Nat. Mus. 27: 187) Oberholser, without comment, gave [Camp] Semiahmoo as the type locality, and such action of the first reviser rendered invalid Ridgway's later attempt (Birds of North and Middle America 6:749, 1914) to give this honor to Sitka—fortunately, since Oberholser found that the specimen from Sitka "verges . . . somewhat toward" *B. v. lagophonus*.

Since, of the original series, No. 11792 alone came from Camp Semiahmoo, it may be considered the type.

Asio magellanicus icelus Oberholser

Proc. U.S. Nat. Mus. 27: 178 (in key), 185, January 22, 1904.

=*Bubo virginianus pacificus* Cassin. See Grinnell and A. H. Miller, Distribution of the birds of California [Pacific Coast Avifauna 27], pp. 195–196, 1944.

141225. Immature (not adult) female. San Luis Obispo, San Luis Obispo County, California. November 29, 1891. Collected by Edward W. Nelson. Received from the U.S. Fish and Wildlife Service.

Bubo virginianus pallescens Stone

Amer. Naturalist 31: 237, March 1897.

152219. Adult male. Watson Ranch, on the Medina River, 18 miles southwest of San Antonio, Bexar County, Texas. February 15, 1894. Collected by Henry P. Attwater. Original number 279.

Bubo virginianus mayensis Nelson

Proc. Biol. Soc. Washington 14: 170, September 25, 1901.

167727. Adult female. Chichen Itzá, State of Yucatán, México. February 8 (not 1), 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7594. Received from the U.S. Fish and Wildlife Service.

Asio magellanicus melancerus Oberholser

Proc. U.S. Nat. Mus. 27: 178 (in key), 180, January 22, 1904.

=*Bubo virginianus mayensis* Nelson. See Griscom, Ibis, pp. 546–547, 1935.

59497. Adult female. Town of Tehuantepec (just north of Salina Cruz), State of Oaxaca, México. October 16, 1869. Collected by Adrien L. F. Sumichrast. Original number 910.

Asio magellanicus mesembrinus Oberholser

Proc. U.S. Nat. Mus. 27: 178 (in key), 179, January 22, 1904.

=*Bubo virginianus mayensis* Nelson. See Griscom, Ibis, p. 547, 1935.

33218. Adult (sex not indicated). San José, Province of San José, Costa Rica. Entered into the museum register on March 22, 1864. Collected by Julián Carmiol. Original number 48.

Bubo virginianus andicolus L. Kelso

Biol. Leaflet 13: [1], July 31, 1941.

273068. Adult male. Ollantaytambo, Department of Cuzco, Perú. April 25, 1915. Collected by Edmund Heller. Original number 47. Yale-National Geographic Peruvian Expedition (1914–1915).

Bubo tenuipes Clark

Proc. U.S. Nat. Mus. 32: 470, June 15, 1907.

=*Bubo bubo tenuipes* Clark. See Peters, Checklist of birds of the world 4: 115, 1940.

114618. Adult male. Fusan, Keisho Province, Korea. December 17, 1883. Collected by Pierre L. Jouy. Original number 1352.

Asio maculosus amerimnus Oberholser

Proc. U.S. Nat. Mus. 28: 856, July 8, 1905.

=*Bubo africanus africanus* (Temminck). See Friedmann, U.S. Nat. Mus. Bull. 153: 303, 1930.

86457. Adult female. Durban, Natal, Union of South Africa. Entered into the museum register on May 18, 1882. Collected by Thomas Ayres. Original number 22. Received from the Norwich Museum.

Genus PULSATRIX Kaup

Pulsatrix perspicillata saturata Ridgway

Birds of North and Middle America 6: 758, April 8, 1914.

155672. Adult female. Mountains near Santo Domingo, State of Oaxaca, México. June 18, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2809. Received from the U.S. Fish and Wildlife Service.

Pulsatrix perspicillata austini L. Kelso

Biol. Leaflet 10: 3, November 10, 1938.

=*Pulsatrix perspicillata saturata* Ridgway. See Peters, Checklist of birds of the world 4: 124, 1940.

198769. Adult female. Pigres (at the point where the Río Grande de Tárcoles enters the Gulf of Nicoya), Province of Puntarenas, Costa Rica. March 4, 1905. Collected by Robert Ridgway.

Pulsatrix perspicillata ecuadoreana L. Kelso

Biol. Leaflet 10: 6, November 10, 1938.

=*Pulsatrix perspicillata chapmani* Griscom. See Peters, Checklist of birds of the world 4:124, 1940.

101308. Adult (sex not indicated). "Guayaquil, Ecuador," error="the interior of Ecuador" (*fide* Jones, *in epist.* November 11, 1884). Entered into the museum register on January 5, 1885. Received from William H. Jones, who acquired it, with other birds, from "Mr. Cartright Agt. P.S.N. Co. Guayaquil as a gift" (*in epist. cit.*).

Pulsatrix perspicillata boliviana L. Kelso

Biol. Leaflet 2: [1], December 21, 1933.

264558. Adult female. Carapari (elev. 1,000 meters), Department of Tarija, Bolivia. September 1924. Collected by Emilio Budin, Jr. Original number 28.

Genus NYCTEA Stephens

Nyctea scandiaca, var. arctica "Gray" Ridgway

in Baird, Brewer, and Ridgway, History of North American birds, (land birds) 3: 70, January 1874.

=*Nyctea scandiaca* (Linnaeus). See Ridgway, Birds of North and Middle America 6: 768, 772, 1914; Peters, Checklist of birds of the world 4: 125, 1940.

12058. Adult female. Washington, District of Columbia. December 4, 1858. Collected by Constantin Drexler. Original number 11.

12059. Adult male. Washington, District of Columbia. December 4, 1858. Collected by Constantin Drexler. Original number 10.

36434. Immature (sex not indicated). Vicinity of the Anderson River (probably near Fort Anderson), District of Mackenzie, Northwest Territories, Canada. August 1863. Collected by Eskimos for Roderick R. MacFarlane. Original number 1379.

Genus GLAUCIDIUM Boie

Glaucidium gnoma grinnelli Ridgway

Birds of North and Middle America 6: 781 (in key), 791, April 8, 1914.

107389. Adult male. Humboldt Bay (=near the mouth of the Mad River, *fide* Townsend MS.), Humboldt County, California. November 28, 1885. Collected by Charles H. Townsend. Original number 1356.

Glaucidium gnoma pinicola Nelson

Proc. Biol. Soc. Washington 23: 103, June 24, 1910.

206021. Adult female. Alma, Catron County, New Mexico. December 25, 1908. Collected by Clay Hunter. Received from the U.S. Fish and Wildlife Service.

Glaucidium fisheri Nelson and T. S. Palmer

Auk 11 (1): 41, January 1894.

=*Glaucidium gnoma gnoma* Wagler. See Peters, Checklist of birds of the world 4: 28, 1940.

131519. Adult female. "Among the oaks and pines on the southeast slope of Mount Popocatapetl [*sic*] at an altitude of about 6500 feet," near Tochimilco, State of Puebla, Mexico. August 7, 1893. Collected by Edward W. Nelson. Original number 1454. Received from the U.S. Fish and Wildlife Service.

Glaucidium siju vittatum Ridgway

Birds of North and Middle America 6: 782 (in key), 805, April 8, 1914.

172762. Adult male. Nueva Gerona, Isla de Pinos, south of western Cuba. June 30, 1900. Collected by William Palmer and Joseph H. Riley. Original number 565.

Glaucidium palmarum Nelson

Auk 18 (1): 46, January 1901.

=*Glaucidium minutissimum palmarum* Nelson. See Peters, Checklist of birds of the world 4: 129, 1940.

155955. Adult female. "In the midst of a palm forest on a low ridge near the sea coast," Arroyo de Juan Sánchez, south of San Blas, State of Nayarit, México. April 5, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4042. Received from the U.S. Fish and Wildlife Service.

St[rix]. minutissima Wied

Beitr. Naturg. Bras. 3 (1): 242, 1830.

=*Glaucidium minutissimum minutissimum* (Wied). See Peters, Checklist of birds of the world 4: 129, 1940.

76827. Adult male. "Brasilia" (="im Innern der Provinz Bahía," Wied, *op cit.*, p. 245). Collected by Maximilian, Prinz zu Wied. Received in 1879 from the American Museum of Natural History, which acquired it in 1870 as part of the Maximilian Collection.

This specimen bears Wied's original label, which reads "Strix minutissima ♂/Chouette Cabouré Temm./Brasilia, M. R."

In the American Museum are two other cotypes, No. 6345, a male, and No. 6345 *bis*, a female; they jointly possess a label with data quite like ours (see Allen, Bull. Amer. Mus. Nat. Hist. 2: 266, 1889).

Glaucidium jardinii costaricanum L. Kelso

Auk 54 (3): 304, July 2, 1937.

90392. Adult (sex not indicated). Costa Rica. Entered into the museum register on June 20, 1883. Received from C. H. Van Patten.

Glaucidium ridgwayi Bowdler Sharpe

Ibis (3)5: 55, January 1875.

=*Glaucidium brasilianum ridgwayi* Bowdler Sharpe. See Brodkorb, Occas. Papers Mus. Zool. Univ. Michigan 450: 1–4, 1941.

37876. Adult female. Mérida, State of Yucatán, México. March 6, 1865. Collected by Arthur C. V. Schott. Original number 246. Comisión científica de Yucatán.

39176. Adult male. Mérida, State of Yucatán, México. March 24, 1865. Collected by Arthur C. V. Schott. Original number 318. Comisión científica de Yucatán.

39178. Adult female. Mérida, State of Yucatán, México. March 24, 1865. Collected by Arthur C. V. Schott. Original number 319. Comisión científica de Yucatán.

For a discussion of the claims to typeship of these three specimens, see Brodkorb (*op. cit.*). They seem to be the only ones of the original series from the type locality (as restricted by Brodkorb) still in the museum collection.

Glaucidium nanum vafrum Wetmore

Journ. Washington Acad. Sci. 12 (14): 323, August 19, 1922.

=*Glaucidium brasilianum nanum* (King). See Peters, Checklist of birds of the world 4: 131, 1940.

284856. Adult female. Concón, Province of Aconcagua, Chile. April 27, 1921. Collected by Alexander Wetmore. Original number 6603. Received from the U.S. Fish and Wildlife Service.

Glaucidium cuculoides austerum Ripley

Zoologica, New York 33 (4): 200 December 31, 1948.

390166. Adult male. Tezu, Mishmi Hills, Sadiya Frontier Tract, Assam Province, India. January 11, 1947. Collected by S. Dillon Ripley.

Original number 382. Smithsonian Institution-Yale University Expedition.

Glaucidium cuculoides deignani Ripley

Zoologica, New York 33 (4): 200, December 31, 1948.

308542. Adult female. "Nongkhor"=Ban Nong Kho, Rayong Province, southeastern Siam. February 12, 1927. Collected by Hugh McC. Smith. Original number 1819.

Glaucidium cuculoides delacouri Ripley

Zoologica, New York 33 (4): 201, December 31, 1948.

304182. Adult female. Bac Tan Tray (not Baetan Tray), 36 km. NNE. of Laichau, Laichau or Laokay Province, Tongking. May 5, 1924. Collected by Frederick R. Wulsin. Original number 1775. National Geographic Society Central China Expedition.

Genus MICRATHENE Coues

Athene whitneyi Cooper

Proc. Californnia Acad. Nat. Sci. 2: 118, 1861.

=*Micrathene whitneyi whitneyi* (Cooper). See Peters, Checklist of birds of the world 4: 135, 1940.

120001. Adult male? Fort Mohave, Mohave County, Arizona. April 26, 1861. Collected by James G. Cooper. Original number 208. Received from the California State Geological Survey.

Micropallas whitneyi sanfordi Ridgway

Birds of North and Middle America 6: 807 (in key), 809, April 8, 1914.

=*Micrathene whitneyi sanfordi* (Ridgway). See Peters, Checklist of birds of the world 4: 135, 1940.

234166. Adult male. Miraflores, State of Baja California, México. June 24, 1912. Collected by Wilmot W. Brown, Jr. Received from Leonard C. Sanford.

Micrathene graysoni Ridgway

Auk 3 (3): 333, July 1886.

[Micropallas] socorroensis "(*Ridgw.*, Auk, iii, p. 333)" Bowdler Sharpe

Handlist of the genera and species of birds 1: 299, 1899 (*lapsus calami*).

=*Micrathene whitneyi graysoni* Ridgway. See Peters, Checklist of birds of the world 4: 135, 1940.

49678. Adult male. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. May 21–28, 1867. Collected by Andrew J. Grayson. Original number 722.

50765. Adult female. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. May 21–28, 1867. Collected by Andrew J. Grayson. Original number 722.

Genus NINOX Hodgson

Noctua venatica Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 75, "pl. XXII, fig. 1," 1848.

=*Ninox novaeseelandiae venatica* (Peale). See Peters, Checklist of birds of the world 4: 140, 1940.

13944. Adult female. Bay of Islands, North Island, New Zealand. Original number 38. U.S. Exploring Expedition (1838–1842).

Ninox scutulata randi Deignan

Proc. Biol. Soc. Washington 64: 41, April 13, 1951.

200878. Adult female. Catagán (elev. 1,100 feet), at the base of Mount Malindang, Misamis Province, Mindanao Island, Philippine Islands. May 23, 1906. Collected by Edgar A. Mearns. Original number 14196.

Ninox philippensis proxima Mayr

Zoologica, New York 30: 108, November 15, 1945.

314872. Adult female. Palanog, Masbate Island, Philippine Islands. November 14, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 364 of the Menage Collection.

Ninox philippensis centralis Mayr

Zoologica, New York 30: 108, November 15, 1945.

314873. Adult male. Siquijor Island, Philippine Islands. February 28, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 363½ of the Menage Collection.

Ninox spilonotus Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 8, December 8, 1894.

=*Ninox spilonota* Bourns and Worcester. See Peters, Checklist of birds of the world 4: 143, 1940.

314875. Adult female. Badajoz, Tablas Island, Philippine Islands. September 18, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 373 of the Menage Collection.

314877. Adult female. Sibuyán Island, Philippine Islands. October 13, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 372 of the Menage Collection.

The original series comprised at least four specimens, from the islands of Cebú, Sibuyán, Tablas, and Mindoro. Since the population of Mindoro are now held to belong to a distinct form, it follows that only the material from the first-named three islands can be considered cotypes of *spilonota*. The present resting place of the bird from Cebú is unknown.

Genus GYMNOGLAUX Cabanis

Gymnoglaux lawrencii P. L. Sclater and Salvin

Proc. Zool. Soc. London, pp. 327, 328, pl. 29 and text-fig., October 1868.

=*Gymnoglaux lawrencii lawrencii* P. L. Sclater and Salvin. See Peters, Checklist of birds of the world 4: 146, 1940.

23557. Immature? female. Monte Verde (16.5 miles northeast of Guantánamo), Province of Oriente, Cuba. August 24, 1861. Collected by Charles Wright.

39111. Adult (sex not indicated). Remedios, Province of Santa Clara, Cuba. October 30, 1863. Collected by Nathaniel H. Bishop.

It might be argued that Sclater and Salvin have merely renamed *Gymnoglaux nudipes* of Lawrence, not of Daudin (Ann. Lyc. Nat. Hist. New York 7: 275, 1860), in which case the cotypes of their name would be the three specimens from Gundlach's collection examined by Lawrence. Each of the examples here listed, however, bears on its label, in the hand of Sclater or Salvin, the words "*Gymnoglaux lawrencii*, Scl. & Salv./Type."

Genus ATHENE Boie

Athene brama ultra Ripley

Proc. Biol. Soc. Washington 61: 100, June 16, 1948.

390159. Adult male. Chabua, Lakhimpur District, Assam Province, India. December 21, 1946. Collected by S. Dillon Ripley. Original number 66. Smithsonian-Yale Expedition.

Athene brama mayri Deignan

Auk 58 (3) : 396, July 9, 1941.

313161. Adult male. Udon=Ban Mak Khaeng (lat. 17°25′ N., long. 102°45′ E.), Province of Udon Thani, eastern Siam. March 19, 1929. Collected by Hugh McC. Smith. Original number 2941.

Genus SPEOTYTO Gloger

Speotyto cunicularia obscura Stephens

Auk 12 (4) : 372, October 1895.

=*Speotyto cunicularia hypugaea* (Bonaparte). See Grinnell, Univ. California Publ. Zool. 38: 278, 1932.

151022. Adult female. Upper Lake (elev. 1,400 feet), Lake County, California. May 29, 1894. Collected by Frank Stephens. Original number 5874.

Speotyto rostrata C.H. Townsend

Proc. U.S. Nat. Mus. 13: 133, September 9, 1890.

=*Speotyto cunicularia rostrata* C. H. Townsend. See Peters, Checklist of birds of the world 4: 151, 1940.

117531. Adult male. Clarion Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. March 4, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Speotyto amaura Lawrence

Proc. U.S. Nat. Mus. 1: 234, December 23, 1878.

=*Speotyto cunicularia amaura* Lawrence. See Peters, Checklist of birds of the world 4: 151, 1940.

74493. Adult female. "A cliff in the Chalk-hills," Antigua Island, Leeward Islands, Caribbean Sea. September 1, 1877. Collected by natives for Frederick A. Ober. Original number 342.

74494. Adult male. "A cliff in the Chalk-hills," Antigua Island, Leeward Islands, Caribbean Sea. September 1, 1877. Collected by natives for Frederick A. Ober. Original number 339.

Each of these specimens bears on its label in Lawrence's hand the word "Type."

The third cotype, No. 74495, a female of the same place and date, cannot now be found in the collection.

Speotyto brachyptera Richmond

Proc. U.S. Nat. Mus. 18: 663, August 12, 1896.

=*Speotyto cunicularia brachyptera* Richmond. See Peters, Checklist of birds of the world 4: 152, 1940.

151660. Adult male. The level land to the east of Porlamar, Margarita Island, Caribbean Sea off Venezuela. June 30, 1895. Collected by Wirt Robinson. Original number 365.

Athene patagonica Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 78, "pl. xxii, fig. 2," 1848.

=*Speotyto cunicularia cunicularia* (Molina). See Cassin, U.S. Exploring Expedition 8 (Mamm. and Orn.): 109–110, 1858; Bowdler Sharpe, Catalogue of the birds in the British Museum 2: 142–143, 1875; Cory, Catalogue of birds of the Americas 2 (1): 39, 1918.

22296 (=13903 reentered). Adult (sex not indicated). "Rio Negro, Patagonia"=Neighborhood of Carmen de Patagonas, opposite Viedma, Territory of the Río Negro, Argentina (see Wilkes, Narrative of the U.S. Exploring Expedition 1: 99, 1845, where it is stated that "during the time of our stay [at El Carmen], the naturalists ranged the country in the vicinity . . ."). Late in January or early in February 1839. Original number 41. U.S. Exploring Expedition (1838–1842).

Genus CICCABA Wagler

Ciccaba virgata amplonotata L. Kelso

Proc. Biol. Soc. Washington 46: 151, October 26, 1933.

=*Ciccaba virgata squamulata* (Bonaparte). See Peters, Checklist of birds of the world 4: 153, 154, 1940.

50764. Adult (sex not indicated). Mazatlán, State of Sinaloa, México. Entered into the museum register on April 21, 1868. Collected by Andrew J. Grayson. Original number 668.

Ciccaba virgata eatoni L. Kelso and E. H. Kelso

Auk 53 (2): 215, April 9, 1936.

=*Ciccaba virgata centralis* Griscom. See Peters, Checklist of birds of the world 4: 154, 1940.

167729. Adult male. Apazote, State of Campeche, México. December 26, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7411. Received from the U.S. Fish and Wildlife Service.

Genus STRIX Linnaeus

Strix baweana Oberholser

Proc. U.S. Nat. Mus. 52: 190, February 8, 1917.

=*Strix selo-puto baweana* Oberholser. See Peters, Checklist of birds of the world 4: 157, 1940.

181450. Adult female. Bawean Island, in the Java Sea between Java and Borneo. November 27, 1907. Collected by William L. Abbott.

Strix indranee rileyi E. H. Kelso

Auk 54 (3): 305, July 2, 1937.

=*Strix leptogrammica maingayi* (Hume), *fide* Deignan MS.

169691. Adult female. Khao Nok Ra (lat. 7°25′ N., long. 99°55′ E.), at elev. 2,000 feet, peninsular Siam. January 8–18, 1899. Collected by William L. Abbott.

Strix leptogrammica nyctiphasma Oberholser

Journ. Washington Acad. Sci. 14: 302, July 19, 1924.

179099. Adult male. Pulau Bangkaru, Barussan Islands, eastern Indian Ocean off Sumatra. January 1902. Collected by William L. Abbott.

Strix aluco nivipetens Riley

Proc. Biol. Soc. Washington 38: 10, January 27, 1925.

=*Strix aluco nivicola* (Blyth). See Bangs, Bull. Mus. Comp. Zool. 70: 197–198, 1930; Rothschild, Nov. Zool. 33: 233–234, 1926.

296208. Adult male. Gan-hai-tze (elev. 11,000 feet), Likiang Snow Range, northwestern Yunnan Province, China. May 8, 1923. Collected by Joseph F. C. Rock. Original number 380.

Syrnium ma Clark

Proc. U.S. Nat. Mus. 32: 471, June 15, 1907.

=*Strix aluco ma* (Clark). See Peters, Checklist of birds of the world 4: 160, 1940.

114439. Adult female. Fusan, Keisho Province, Korea. March 1885. Collected by Pierre L. Jouy. Original number 1493.

Syrnium occidentale caurinum Merriam

Auk 15 (1): 40, January 1898.

=*Strix occidentalis caurina* (Merriam). See Peters, Checklist of birds of the world 4: 160, 1940.

157473. Adult female. Mount Vernon, Skagit County, Washington. June 22, 1897. Collected by Edward A. Preble. Original number 344. Received from the U.S. Fish and Wildlife Service.

Syrnium occidentale Xántus

Proc. Acad. Nat. Sci. Philadelphia 11: 190, 193 (in reprint, p. 5), between July 26, 1859, and January 10, 1860.

=*Strix occidentalis occidentalis* (Xántus). See Grinnell, Univ. California Publ. Zool. 38: 278, 193.

17200. Adult male. Fort Tejon, Kern County, California. March 6, 1858. Collected by John Xántus. Original number 1588.

Syrnium occidentale lucidum Nelson

Proc. Biol. Soc. Washington 16: 152, November 30, 1903.

=*Strix occidentalis lucida* (Nelson). See Peters, Checklist of birds of the world 4: 161, 1940.

185269. Adult female. Mount Tancítaro, State of Michoacán, México. February 27, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9179. Received from the U.S. Fish and Wildlife Service.

Strix nebulosa alleni Ridgway

Proc. U.S. Nat. Mus. 3: 8, April? 1880.

=*Strix varia georgica* Latham. See L. Kelso, Auk 50: 106–107, 1933.

78392. Adult male. Clearwater, Pinellas County, Florida. September 2, 1879. Collected by S. T. Walker. Original number 125.

78393. Adult male. Clearwater, Pinellas County, Florida. September 7, 1879. Collected by S. T. Walker. Original number 135.

78394. Adult female. Clearwater, Pinellas County, Florida. September 2, 1879. Collected by S. T. Walker. Original number 128.

On the oldest label of No. 78393, Ridgway wrote "Type of var. *nudipes* Ridgw."; the specimen is, however, the type only of this MS. name. As the original description of *alleni* was presented, all three examples must be considered equivalent cotypes.

Syrnium nebulosum sablei D. J. Nicholson

Florida Naturalist (new ser.) 11 [(old ser.) 17]: 99, July 1938.

=*Strix varia sablei* (D. J. Nicholson). See Peters, Checklist of birds of the world 4: 162, 1940.

364872. Adult (sex not indicated). Near Flamingo at Cape Sable (15 miles south of Royal Palm State Park), Monroe County, Florida. February 22, 1938. Collected by Wray H. Nicholson. Original number 300. Received through Arthur H. Howell from Donald J. Nicholson.

Syrnium nebulosum, var. Sartorii Ridgway

in Baird and Ridgway, Bull. Essex Inst. 5: 200, December 1873.

=*Strix varia sartorii* (Ridgway). See Peters, Checklist of birds of the world 4: 162, 1940.

42131 (not 43131). Adult female. "Pine region," Hacienda "Mirador," State of Veracruz, México. Entered into the museum register on July 5, 1866. Collected by Carl C. W. Sartorius. Original number 208.

Syrnium uralense japonicum Clark

Proc. U.S. Nat. Mus. 32: 471, June 15, 1907.

=*Strix uralensis coreensis* Momiyama. See Peters, Checklist of birds of the world 4: 164, 1940.

96393. Adult female. Sapporo, Hokkaido Island, Japan. October 18, 1882. Collected by Thomas W. Blakiston. Original number 3163.

Syrnium uralense hondoense Clark

Proc. U.S. Nat. Mus. 32: 472, June 15, 1907.

=*Strix uralensis hondoensis* (Clark). See Peters, Checklist of birds of the world 4: 164, 1940.

109441. Adult male. Iwaki Province (=Miyagi and Fukushima Prefectures), Honsiu Island, Japan. February 2, 1886. Received from the Tokyo Educational Museum.

Genus RHINOPTYNX Kaup

Rhinoptynx clamator oberi E. H. Kelso

Auk 53 (1): 82, January 8, 1936.

75112. Adult (sex not indicated). Tobago Island, Caribbean Sea. August 1878. Collected by Frederick A. Ober.

Genus ASIO Brisson

Asio stygius robustus L. Kelso

Auk 51 (4): 522, October 6, 1934.

27113. Adult female. Hacienda "Mirador," State of Veracruz, México. Entered into the museum register on March 17, 1863. Collected by Carl C. W. Sartorius. Original number 6.

Asio noctipetens Riley

Smithsonian Misc. Coll. 66 (15): 1, December 1, 1916.

=*Asio stygius noctipetens* Riley. See Wetmore and Swales, U.S. Nat. Mus. Bull. 155: 245–246, 1931.

249475. Adult male. Constanza (elev. 4,000 feet), Dominican Republic, Hispaniola. September 23, 1916. Collected by William L. Abbott.

Asio flammeus pallidicaudus Friedmann

Smithsonian Misc. Coll. 111 (9) : 2, July 21, 1949.

406386. Adult male. Cantaura, State of Anzoátegui, Venezuela. July 13, 1947. Collected by Foster D. Smith, Jr. Original number 20.

Asio portoricensis Ridgway

Proc. U.S. Nat. Mus. 4: 366, April 6, 1882.

=*Asio flammeus portoricensis* Ridgway. See Peters, Checklist of birds of the world 4: 170, 1940.

39643. Adult (sex not indicated). North side of Puerto Rico. Entered into the museum register on November 10, 1865. Collected by George Latimer.

86039. Adult male. Puerto Rico. Entered into the museum register on April 5, 1882. Collected by Johannes C. Gundlach. Received from George N. Lawrence.

Ridgway's original series was composed of No. 39643 and "three additional specimens . . . sent . . . for examination by Mr. George N. Lawrence." No. 86039 is of course one of the birds borrowed from Lawrence; the present resting place of the other two is unknown.

Genus AEGOLIUS Kaup

Nyctala acadica scotæa Osgood

North American Fauna 21: 19, 43, September 26, 1901.

=*Aegolius acadicus acadicus* (Gmelin). See Fleming, Auk 33: 420–423, 1916; Peters, Checklist of birds of the world 4: 173, 1940.

168171. Adult male. Massett, Graham Island, Queen Charlotte Islands, off British Columbia, Canada. December 12 (not 19), 1896. Collected by John H. Keen. Received from the U.S. Fish and Wildlife Service.

Aegolius acadicus brodkorbi Briggs

Proc. Biol. Soc. Washington 67: 180, August 5, 1954.

462871. Immature? male. Amatepec (elev. 2,100 meters), State of Oaxaca, México. May 12, 1949. Collected by Mario del Toro Avilés. Received from the Department of Biology, University of Florida, where it was No. 1854.

Cryptoglaux ridgwayi Alfaro

Proc. Biol. Soc. Washington 18: 217, October 17, 1905.

=*Aegolius acadicus ridgwayi* (Alfaro). See Briggs, Proc. Biol. Soc. Washington 67: 180, 181, 1954.

149709. Immature male. Cerro de la Candelaria, near Escasú, Province of San José, Costa Rica. March 29, 1903. Received from Anastasio Alfaro.

Order CAPRIMULGIFORMES: Oil-birds, Goatsuckers

Family PODARGIDAE: Frogmouths

Genus BATRACHOSTOMUS Gould

Batrachostomus menagei Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1: 11, December 8, 1894.

=*Batrachostomus septimus menagei* Bourns and Worcester. See Peters, Checklist of birds of the world 4: 178, 1940.

316140. Adult male. "Calantas," Panay Island, Philippine Islands. November 17, 1890. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1040 of the Menage Collection.

Family NYCTIBIIDAE: Potoos

Genus NYCTIBIUS Vieillot

Nyctibius jamaicensis mexicanus Nelson

Auk 17 (3): 260, July 1900.

=*Nyctibius griseus mexicanus* Nelson. See Peters, Checklist of birds of the world 4: 180, 1940.

158535. Adult male. Metlaltoyuca, State of Puebla, México. January 26, 1898. Collected by Edward A. Goldman. Original number 5047. Received from the U.S. Fish and Wildlife Service.

Nyctibius griseus costaricensis Ridgway

Proc. Biol. Soc. Washington 25: 91, May 4, 1912.

85550. Adult female. Sarchí de Alajuela (Sarchí de Grecia), Province of Alajuela, Costa Rica. August 6, 1881. Collected by José Castulo Zeledón.

Nyctibius griseus panamensis Ridgway

Proc. Biol. Soc. Washington 25: 91, May 4, 1912.

154252. Adult male. Natá, Province of Coclé, Panamá. January 24, 1889. Collected by H. T. Heyde and Ernesto Lux. Original number 19.

Nyctibius griseus abbotti Richmond

Smithsonian Misc. Coll. 68 (7): 1, July 12, 1917.

250374. Adult male. Grand Port-à-Piment, on the southern coast of the northwestern peninsula of Haiti, Hispaniola. March 9, 1917. Collected by William L. Abbott.

Family CAPRIMULGIDAE: Goatsuckers

Genus CHORDEILES Swainson

Chordeiles rupestris xyostictus Oberholser

U.S. Nat. Mus. Bull. 86: 23 (in key), 116, April 6, 1914.

16599. Adult male. "Bogotá," Colombia. Entered into the museum register on February 17, 1860. Received from Walter Evans.

Chordeiles rupestris zaleucus Oberholser

U.S. Nat. Mus. Bull. 86: 23 (in key), 118, April 6, 1914.

=*Chordeiles rupestris rupestris* (Spix). See Peters, Checklist of birds of the world 4: 186, 1940.

55318. Adult female. Pebas (at the confluence of the Río Ambiyacu with the Río Marañón), Colombia or Perú (contested territory). Entered into the museum register in May or June 1869, therefore collected during Orton's expedition of 1867. Collected by James Orton. Original number 275. Received from the Williams College Lyceum of Natural History.

Chordeiles acutipennis inferior Oberholser

U.S. Nat. Mus. Bull. 86: 24 (in key), 109, April 6, 1914.

113100. Adult male. Triunfo, State of Baja California, México. June 14, 1887. Collected by Martin A. Frazar. Received from William Brewster.

Chordeiles acutipennis micromeris Oberholser

U.S. Nat. Mus. Bull. 86: 24 (in key), 100, April 6, 1914.

213142. Adult male. Xbac, State of Yucatán, México. April 1910. Collected by George F. Gaumer. Original number 289 A.

Chordeiles peruvianus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 172, "pl. XLVIII, fig. 2," 1848.

=*Chordeiles acutipennis exilis* (Lesson). See Oberholser, U.S. Nat. Mus. Bull. 86: 98, 1914.

14325. Adult male. Near Callao, Province of Callao, Perú. July 1839. Original number 511. U.S. Exploring Expedition (1838–1842).

This form was based upon at least two cotypes; the second, USNM 14616, is now in the Museum of Comparative Zoology, where it is No. 75697.

[Chordiles popetue] Sennetti Coues

Auk 5 (1) : 37, January 1888.

=*Chordeiles minor sennetti* (Coues). See Peters, Checklist of birds of the world 4: 187, 1940.

65490. Adult male. "50 M. W. Pembina Mts." (not Pembina, Minn.) = United States-Canadian Boundary at about the center of Towner County, North Dakota. July 16, 1873. Collected by Elliott Coues. Original number 3301. Northern Boundary Survey.

On the back of the original label in Coues's hand appears "A type of the species." A specimen from Wharton County, Texas (formerly in the collection of George B. Sennett, now in the American Museum of Natural History) is also mentioned at the first description, but belongs to another form (see Oberholser, U.S. Nat. Mus. Bull. 86: 55–56, 1914); No. 65490 is therefore the only type.

Chordeiles virginianus howelli Oberholser

U.S. Nat. Mus. Bull. 86: 25 (in key), 57, April 6, 1914.

=*Chordeiles minor howelli* Oberholser. See Peters, Checklist of birds of the world 4: 188, 1940.

186731. Adult male. Lipscomb, Lipscomb County, Texas. June 25, 1903. Collected by Arthur H. Howell. Original number 105. Received from the U.S. Fish and Wildlife Service.

Chordeiles virginianus vicinus Riley

Auk 20 (4): 432, October 1903.

=*Chordeiles minor vicinus* Riley. See Peters, Checklist of birds of the world 4: 188, 1940.

189689. Adult male. Long Island, Bahama Islands. July 16, 1903. Collected by Joseph H. Riley. Original number 183. Geographical Society of Baltimore Bahama Expedition.

Genus NYCTIPROGNE Bonaparte

Nyctiprogne leucopyga exigua Friedmann

Proc. Biol. Soc. Washington 58: 117, July 18, 1945.

328356. Adult male. On the right bank of the Upper Río Orinoco, opposite Corocoro Island, Territory of Amazonas, Venezuela. May 12, 1931. Collected by Ernest G. Holt, Robert E. R. Blake, and Charles T. Agostini. Original number 5517. National Geographic Society Brazil-Venezuela Expedition.

Nyctiprogne latifascia Friedmann

Proc. Biol. Soc. Washington 58: 118, July 18, 1945.

326844. Adult male. Raudal Quirabuena, a tributary of the Brazo (Río) Casiquiare, Territory of Amazonas, Venezuela. February 5, 1931. Collected by Ernest G. Holt, Robert E. R. Blake, and Charles T. Agostini. Original number 4994. National Geographic Society Brazil-Venezuela Expedition.

Genus NYCTIDROMUS Gould

Nyctidromus albicollis insularis Nelson

Proc. Biol. Soc. Washington 12: 9, January 27, 1898.

156765. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 10, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4350. Received from the U.S. Fish and Wildlife Service.

Nyctidromus albicollis nelsoni Ridgway

Proc. Biol. Soc. Washington 25: 90, May 4, 1912.

=*Nyctidromus albicollis yucatanensis* Nelson. See Peters, Checklist of birds of the world 4: 193, 1940.

154746. Adult male. Colima, State of Colima, México. March 26, 1892. Collected by Edward W. Nelson. Original number 84. Received from the U.S. Fish and Wildlife Service.

Nyctidromus albicollis sumichrasti Ridgway

Proc. Biol. Soc. Washington 25: 91, May 4, 1912.

=*Nyctidromus albicollis yucatanensis* Nelson. See Peters, Checklist of birds of the world 4: 193, 1940.

166060. Adult male. Frontera (not Teapa), State of Tabasco, México. March 10, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 6715. Received from the U.S. Fish and Wildlife Service.

Nyctidromus albicollis yucatanensis Nelson

Proc. Biol. Soc. Washington 14: 171, September 25, 1901.

167682. Adult male. Tunkas, State of Yucatán, México. February 17, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7626. Received from the U.S. Fish and Wildlife Service.

Genus PHALAENOPTILUS Ridgway

P[halænoptilus]. nuttalli californicus Ridgway

Manual of North American birds, p. 588 (footnote), September 1888.

=*Phalaenoptilus nuttallii californicus* Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 278, 1932.

84250. Adult male. "N. Am. Hotel," Calaveras County, California. March 14, 1879. Collected by Lyman Belding.

108372. Adult female. Nicasio, Marin County, California. April 7, 1884. Collected by Charles A. Allen.

Genus NYCTIPHRYNUS Bonaparte

C[aprimulgus]. ocellatus von Tschudi

Archiv für Naturgeschichte 10: 268, 1844.

=*Nyctiphrynus ocellatus ocellatus* (von Tschudi). See Friedmann and Deignan, Zoologica, New York 27: 50, 1942.

41912. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

Genus CAPRIMULGUS Linnaeus

Caprimulgus rufus noctivigulus Wetmore and W. H. Phelps, Jr.

Proc. Biol. Soc. Washington 66: 18, March 30, 1953.

———. Adult male. Atures (elev. 100 meters), Caño Cataniapo, Territory of Amazonas, Venezuela. January 27, 1943. Collected by F. Benedetti. Deposited by William H. Phelps, Sr., in whose private collection it is No. 20667.

Caprimulgus salvini Hartert

Ibis (6) 4: 287, April 1892.

=*Caprimulgus serico-caudatus salvini* Hartert. See Peters, Checklist of birds of the world 4: 198, 1940.

27992. Adult (sex not indicated). Hacienda "Mirador," State of Veracruz, México. Entered into the museum register on March 24, 1863. Collected by Carl C. W. Sartorius. Original number 54.

27993. Adult (sex not indicated). Hacienda "Mirador," State of Veracruz, México. Entered into the museum register on March 24, 1863. Collected by Carl C. W. Sartorius.

Salvin and Godman (Biologia Centrali-Americana, Aves 2: 387, 1894) claim a specimen from Mérida, State of Yucatán, as "exemp. typ." If by this is meant that their bird is a normal representative of the form, the statement may be accepted, but, since Hartert clearly based his name upon the *Antrostomus macromystax* of Baird, Ridgway, *et al.*, not of Wagler, without establishing a new type specimen, the birds here listed must be considered the types.

Antrostomus goldmani Nelson

Proc. Biol. Soc. Washington 13: 26, May 29, 1899.

=*Caprimulgus ridgwayi ridgwayi* (Nelson). See Peters, Checklist of birds of the world 4: 198, 199, 1940.

164310. Adult female. Near Mazatlán, State of Sinaloa, México. April 7, 1899. Collected by Edward A. Goldman. Original number 6396. Received from the U.S. Fish and Wildlife Service.

Antrostomus ridgwayi Nelson

Auk 14 (1): 50, January 1897.

=*Caprimulgus ridgwayi ridgwayi* (Nelson). See Peters, Checklist of birds of the world 4: 198, 1940.

154754. Adult female. Tlalquisala, State of Guerrero, México. November 29, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2370. Received from the U.S. Fish and Wildlife Service.

Antrostomus oaxacæ Nelson

Auk 17 (3): 260, July 1900.

=*Caprimulgus vociferus oaxacae* (Nelson). See Peters, Checklist of birds of the world 4: 199, 1940.

154735. Adult female. Near Oaxaca, State of Oaxaca, México. August 14, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2240. Received from the U.S. Fish and Wildlife Service.

Antrostomus chiapensis Nelson

Auk 17 (3): 261, July 1900.

=*Caprimulgus vociferus chiapensis* (Nelson). See Peters, Checklist of birds of the world 4: 199, 1940.

154737. Adult male. Valley of Comitán, State of Chiapas, México. December 11, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3275. Received from the U.S. Fish and Wildlife Service.

Antrostomus rufomaculatus Ridgway

Proc. U.S. Nat. Mus. 14: 465, October 12, 1891.

=*Caprimulgus saturatus* (Salvin). See Salvin and Godman, Biologia Centrali-Americana, Aves 2: 388, 389, 1894.

120102. Adult male. Volcán de Irazú=(probably) the southern or western slopes between 8,000 and 10,000 feet (see Carriker, Ann. Carnegie Mus. 6: 344, 1910), Province of Cartago, Costa Rica. April 11, 1891. Collected by Anastasio Alfaro. Received from the Museo Nacional de Costa Rica, where it was No. 5401.

Caprimulgus æquicauda Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 168, "pl. XLVII, fig. 1," 1848.

=*Caprimulgus longirostris decussatus* von Tschudi. See Hartert, Catalogue of the birds in the British Museum 16: 586, 1892; Peters, Checklist of birds of the world 4: 200, 1940.

14588. Adult (sex not indicated). Near Callao, Province of Callao, Perú. July 1839. Original number 509. U.S. Exploring Expedition (1838–1842).

There were at least two cotypes of this form. No. 14607 cannot now be found, but is probably the same as No. 75698 of the Museum of Comparative Zoology.

Caprimulgus conterminus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 169, "pl. XLVII, fig. 2," 1848.

=*Caprimulgus longirostris bifasciatus* Gould. See Hartert, Catalogue of the birds in the British Museum 16: 585, 1892; Peters, Checklist of the birds of the world 4: 200, 1940.

14608. Adult (sex not indicated). Near Valparaíso, Province of Aconcagua, Chile. May 1839. Collected by Titian R. Peale. Original number 507. U.S. Exploring Expedition (1838–1842).

Stenopsis albicauda Lawrence

Ann. Lyc. Nat. Hist. New York 11: 89 (not earlier than February), 1875.

=*Caprimulgus cayennensis albicauda* (Lawrence). See Peters, Checklist of birds of the world 4: 201, 1940.

68039. Adult male. "Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). May 1874. Collected by Juan Cooper. Original number 239. Received from William M. Gabb.

Stenopsis cayennensis insularis Richmond

Proc. Biol. Soc. Washington 15: 159, June 25, 1902.

=*Caprimulgus cayennensis insularis* (Richmond). See Peters, Checklist of birds of the world 4: 201, 1940.

175245. Adult male. Curaçao Island, Caribbean Sea off Venezuela. June 30, 1900. Collected by Wirt Robinson. Original number 1446.

Stenopsis tobagensis Ridgway

Proc. Biol. Soc. Washington 21: 195, October 20, 1908.

=*Caprimulgus cayennensis leopetes* Jardine and Selby. See Peters, Checklist of birds of the world 4: 201, 1940.

74877. Adult male. Tobago Island, Caribbean Sea. April 1878. Collected by Frederick A. Ober. Original number 153.

Caprimulgus aldabrensis Ridgway

Proc. U.S. Nat. Mus. 17: 373, November 15, 1894.

=*Caprimulgus madagascariensis aldabrensis* Ridgway. See Peters, Checklist of birds of the world 4: 206, 1940.

128668. Adult male. Aldabra Island, eastern Indian Ocean. September 29, 1892. Collected by William L. Abbott.

Caprimulgus macrurus æquabilis Ripley

Bull. Brit. Orn. Club 65: 40, June 20, 1945.

375899. Adult male. Trincomalee, Trincomalee District, Eastern Province, Ceylon. May 19, 1944. Collected by S. Dillon Ripley. Original number 222.

Caprimulgus bimaculatus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 170, "pl. XLVIII, fig. 1," 1848.

=*Caprimulgus macrurus bimaculatus Peale.* See Boden Kloss, Ibis, pp. 94–96, 1918.

14583. Adult male. Singapore Island, Malaya. Original number 504. U.S. Exploring Expedition (1838–1842).

Peale's description was based upon one specimen, a male. There was, however, in the collection of the expedition a second example, a female, evidently believed to represent a distinct species (USNM 14606, original number 505).

Caprimulgus macrurus anamesus Oberholser

Proc. U.S. Nat. Mus. 48: 593, May 3, 1915.

=*Caprimulgus macrurus bimaculatus* Peale. See Boden Kloss, Ibis, pp. 94–96, 1918.

75143. Adult male. Tanjong Kalong, Singapore Island, Malaya. November 2, 1899. Collected by Cecil Boden Kloss, for William L. Abbott.

Caprimulgus macrurus johnsoni Deignan

Sarawak Mus. Journ. 6 (5): 315, July 1955.

210983. Adult male. Puerto Princesa, Paláwan Island, Philippine Islands. January 3, 1904. Collected by Andrés Celestino and — Cantón. Received from the Bureau of Science, Manila, where it was No. 10827.

Caprimulgus macrurus mesophanis Oberholser

Proc. U.S. Nat. Mus. 48: 590, May 3, 1915.

178092. Adult male. Amboina (Ambon) Island, Molucca Islands, Banda Sea. June 12, 1897. Collected by — Schädler. Original number 36.

Caprimulgus affinis mindanensis Mearns

Proc. Biol. Soc. Washington 18: 85, February 21, 1905.

190596. Adult male. Malabang, Lanao Province, Mindanao Island, Philippine Islands. October 18, 1903. Collected by Edgar A. Mearns. Original number 13071.

Caprimulgus affinis propinquus Riley

Proc. Biol. Soc. Washington 31: 155, December 30, 1918.

250197. Adult male. Parigi (on the Gulf of Tomini at the extreme base of the Menado Peninsula), Celebes. September 28, 1916. Collected by Harry C. Raven. Original number 3175.

Caprimulgus mirificus Oberholser

Smithsonian Misc. Coll. 60(7): 7, October 26, 1912.

=*Caprimulgus concretus* Bonaparte. See Peters, Checklist of birds of the world 4: 214, 1940.

181230. Adult male. Siak River, east-central Sumatra. December 22, 1906. Collected by William L. Abbott.

Genus HYDROPSALIS Wagler

H[ydropsalis]. trifurcatus "Natt. Nro. 779" von Tschudi

Untersuchungen über die Fauna Peruana, Ornithologie, p. 129, 1845.

=*Hydropsalis climacocerca climacocerca* (von Tschudi). See Hartert, Catalogue of the birds in the British Museum 16: 600, 1892; Peters, Checklist of birds of the world 4: 218, 1940.

34989. Adult male. Cataracts of the Rio Madeira, State of Mato Grosso, Brazil. September 11, 1829. Collected by Johann Natterer. Original number 779 (first written 799, but corrected by a later hand to 779). Received from the Naturhistorisches Museum, Vienna.

If von Tschudi's description of this form was wholly based upon Natterer's MS., the latter's series of 11 birds must be considered the types.

If, on the other hand, von Tschudi had before him Peruvian specimens, as is implied by the fact that he described *H. trifurcatus* in a work on the Peruvian fauna, his own birds would of course be the types, despite his use of Natterer's name (until then a *nomen nudum*).

Inasmuch as von Tschudi evidently believed *H. trifurcatus* to be quite distinct from his *Caprimulgus climacocercus* (fully described on p. 128), it would seem that he was indeed writing, under *trifurcatus,* of a non-Peruvian form, and I therefore adopt the point of view first mentioned above.

Whether *trifurcatus* is properly synonymized with *climacocerca* can only be decided after comparison with topotypical material of the latter. If the name was in fact based upon Brazilian birds, it is highly probable that *trifurcatus* will prove to be a distinct race. The name may prove to be applicable to the Bolivian specimens mentioned by Todd (Ann. Carnegie Mus. 25: 244, 1937).

Of Natterer's original series of 11 birds, two entered the Sclater Collection, with which they later passed into the collection of the British Museum; the remainder are presumably still in Vienna.

Genus UROPSALIS W. Miller

Macropsalis kalinowskii von Berlepsch and Stolzmann

Ibis (6)6: 399, July 1894.

=*Uropsalis segmentata kalinowskii* (von Berlepsch and Stolzmann). See Peters, Checklist of birds of the world 4: 219, 1940.

159776. Adult female. Above the Río Pariayacu (at elev. 13,120 feet) at the Hacienda "Marainioc," Department of Junín, Perú. November 6, 1891. Collected by Jan Kalinowski. Original number 1512. Received from the Branicki Museum, Warsaw.

The series upon which this form was based consisted of three females and five males. Stolzmann and Domaniewski (Ann. Zool. Mus. Polonici 6: 107, 1927) have attempted to set up one of the specimens still in the Polish Museum of Natural History as the type, but it is nonetheless, like ours, merely a cotype.

Order APODIFORMES: Swifts, Hummingbirds

Family APODIDAE: Swifts

Genus COLLOCALIA G. R. Gray

Collocalia origenis Oberholser

Proc. Acad. Nat. Sci. Philadelphia 58: 180 (in key), 191, July 26, 1906.

=*Collocalia whiteheadi origenis* Oberholser. See Peters, Checklist of birds of the world 4: 221, 1940.

192162. Adult male. Mount Apo (at elev. 4,000 feet), Dávao Province, Mindanao Island, Philippine Islands. July 4, 1904. Collected by Edgar A. Mearns. Original number 13645.

Collocalia brevirostris rogersi Deignan

Bull. Brit. Orn. Club 75 (9): 118, December 1, 1955.

450071. Adult male. Ban Hin Laem (lat. 14°40′ N., long. 98°40′ E.), Province of Kanchanaburi, Thailand. November 20, 1952. Collected by Herbert G. Deignan. Original number 218.

Collocalia fuciphaga elaphra Oberholser

Proc. Acad. Nat. Sci. Philadelphia 58: 180 (in key), 188, July 26, 1906.

=*Collocalia francica elaphra* Oberholser. See Peters, Checklist of birds of the world 4: 223, 1940.

119779. Adult (sex not indicated). Mahé Island, Seychelle Islands, western Indian Ocean. April 17, 1890. Collected by William L. Abbott.

Collocalia fuciphaga amechana Oberholser

Proc. U.S. Nat. Mus. 42: 12 (in key), 13, March 6, 1912.

=*Collocalia inexpectata amechana* Oberholser. See Peters, Checklist of birds of the world 4: 224, 1940.

171072. Adult female. Pulau Jimaja, Anamba Islands, South China Sea. September 19, 1899. Collected by William L. Abbott.

Collocalia unicolor amelis Oberholser

Proc. Acad. Nat. Sci. Philadelphia 58: 180 (in key), 193, July 26, 1906.

=*Collocalia inexpectata amelis* Oberholser. See Peters, Checklist of birds of the world 4: 224, 1940.

189931. Adult male. Irisán, Benguet Subprovince, Luzón Island, Philippine Islands. May 19, 1903. Collected by Richard C. McGregor and Andrés Celestino. Received from the Philippine Museum, where it was No. 2671.

Collocalia francica perplexa Riley

Proc. Biol. Soc. Washington 40: 140, December 2, 1927.

=*Collocalia inexpectata perplexa* Riley. See Peters, Checklist of birds of the world 4: 224, 1940.

182370. Adult male. Pulau Maratua (lat. 2°15′ N., long. 118°35′ E.), in the Celebes Sea off the eastern coast of Borneo. May 24, 1913. Collected by Harry C. Raven. Original number 742.

Collocalia bartschi Mearns

Proc. U.S. Nat. Mus. 36: 476, May 27, 1909.

=*Collocalia inexpectata bartschi* Mearns. See Peters, Checklist of birds of the world 4: 224, 1940.

211255. Adult female. Guam Island, Marianas Islands, Oceania. November 20, 1907. Collected by Paul Bartsch. Received from the U.S. Fish Commission.

Collocalia fuciphaga tachyptera Oberholser

Proc. U.S. Nat. Mus. 42: 12 (in key), 20, March 6, 1912.

=*Collocalia inexpectata bartschi* Mearns. See Peters, Checklist of birds of the world 4: 224, 225, 1940.

188855. Adult male. Guam Island, Marianas Islands, Oceania. July 17, 1900. Collected by Alvin Seale. Original number 1658. Received from the Bernice Pauahi Bishop Museum, where it was No. 9532.

Collocalia vestita aenigma Riley

Proc. Biol. Soc. Washington 31: 156, December 30, 1918.

=*Collocalia vanikorensis aenigma* Riley. See Peters, Checklist of birds of the world 4: 225, 1940.

250207. Adult male. Parigi (on the Gulf of Tomini at the extreme base of the Menado Peninsula), Celebes. September 10, 1916. Collected by Harry C. Raven. Original number 3056.

Macropteryx leucophæus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 178, "pl. XLIX, fig. 3," 1848.

=*Collocalia leucophaea leucophaea* (Peale). See Oberholser, Proc. Acad. Nat. Sci. Philadelphia 58: 195, 1906; Peters, Checklist of birds of the world 4: 226, 1940.

14328. Adult male. Tahiti Island, Society Islands, Oceania. Collected by Titian R. Peale. Original number 519. U.S. Exploring Expedition (1838–1842).

Cassin's MS. list indicates that he saw only two specimens of this swift, and there are but two entries for it in the museum register. No. 14330, a male, is no longer in the collection, but is presumably the cotype now in the Museum of Comparative Zoology, where it is No. 75699.

Collocalia thespesia Oberholser

Proc. Acad. Nat. Sci. Philadelphia 58: 180 (in key), 195, July 26, 1906.

=*Collocalia leucophaea leucophaea* (Peale). See Peters, Checklist of birds of the world 4: 226, 1940.

212329. Adult female. Tahiti Island, Society Islands, Oceania. November 14, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Collocalia ocista Oberholser

Proc. Acad. Nat. Sci. Philadelphia 58: 179 (in key), 184, July 26, 1906.

=*Collocalia leucophaea ocista* Oberholser. See Peters, Checklist of birds of the world 4: 226, 1940.

212330. Adult female. Nukuhiva Island (lat. 8°57′ S., long. 140°15′ W.), Marquesas Islands, Oceania. September 16, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Collocalia fuciphaga aerophila Oberholser

Proc. U.S. Nat. Mus. 42: 12 (in key), 16, March 6, 1912.

=*Collocalia vestita vestita* (Lesson). See Ripley, Bull. Mus. Comp. Zool. 94: 352, 1944.

179737. Adult male. Siaba Bay, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 16, 1903. Collected by William L. Abbott.

Collocalia vestita maratua Riley

Proc. Biol. Soc. Washington 40: 141, December 2, 1927.

182367. Adult male. Pulau Maratua (lat. 2°15′ N., long. 118°35′ E.), in the Celebes Sea off the eastern coast of Borneo. May 21, 1913. Collected by Harry C. Raven. Original number 736.

Collocalia fuciphaga mearnsi Oberholser

Proc. U.S. Nat. Mus. 42: 12 (in key), 17, March 6, 1912.

=*Collocalia vestita mearnsi* Oberholser. See Peters, Checklist of birds of the world 4: 227, 1940.

208356. Adult female. Haights-in-the-oaks (elev. 7,000 feet), near Paoay, Benguet Subprovince, Luzón Island, Philippine Islands. July 28, 1907. Collected by Edgar A. Mearns. Original number 15429.

Collocalia francica townsendi Oberholser

Proc. Acad. Nat. Sci. Philadelphia 58: 181 (in key), 197, July 26, 1906.

=*Collocalia spodiopygia townsendi* Oberholser. See Peters, Checklist of birds of the world 4: 228, 1940.

212333. Adult female? (not certainly female). Eua Island (lat 21°20′30″ S., long. 175°02′ W.), Tonga Islands, Oceania. November 28, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Macropteryx spodiopygius Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 176, "pl. XLIX, fig. 2," 1848.

=*Collocalia spodiopygia spodiopygia* (Peale). See Oberholser, Proc. Acad. Nat. Sci. Philadelphia 58: 199–200, 1906; Peters, Checklist of birds of the world 4: 228, 1940.

14331. Adult (sex not indicated). Samoan Islands, Oceania. Original number 520. U.S. Exploring Expedition (1838–1842).

Cassin's MS. list shows that he had five of this species, but there are six entries of birds with original number 520 in the museum register. Unfortunately, both Peale and Cassin lumped specimens from Samoa and the Fijis (*C. s. assimilis*) under the name *spodiopygia*, and two entries in the register lack information on provenience; it is thus no longer possible to say how many of the original series were cotypes of *spodiopygia* as it is now understood.

No. 14327, from Upolu, has disappeared without trace; No. 14329, without locality, is in the collection and agrees with *spodiopygia* (but note comment on No. 14334, below) ; No. 14331, from the "Samoan Islands" ("Upolu" written on the label in Oberholser's hand, but why not "Tutuila"?), is treated above; No. 14332, from Tutuila, is missing but probably is the cotype from Tutuila now in the Museum of Comparative Zoology (where it is No. 75700) ; No. 14333, without locality (and thus possibly *assimilis*), cannot be found; No. 14334, from the "Fijis," is, if correctly labeled, an example of *assimilis*, but at this date cannot be distinguished from Samoan specimens.

In short, No. 14331 is the only specimen now in the national collection that may properly be considered a cotype. No. 14329 may well have an equivalent status, but its claim is vitiated by the fact that No. 14334 (which may or may not be correctly labeled) is inseparable from it.

Collocalia linchi elachyptera Oberholser

Proc. Acad. Nat. Sci. Philadelphia 58: 182 (in key), 207, July 26, 1906.

=*Collocalia esculenta elachyptera* Oberholser. See Peters, Checklist of birds of the world 4: 229, 1940.

173028. Adult male. Bentinck Island, Mergui Archipelago, in the Andaman Sea off southern Tenasserim, Burma. March 9, 1900. Collected by William L. Abbott.

Collocalia linchi cyanoptila Oberholser

Proc. Acad. Nat. Sci. Philadelphia 58: 182 (in key), 205, July 26, 1906.

=*Collocalia esculenta cyanoptila* Oberholser. See Peters, Checklist of birds of the world 4: 229, 1940.

174688. Adult female. Pulau Bunguran (Great Natuna), northern Natuna Islands, South China Sea. July 1, 1900. Collected by William L. Abbott.

Collocalia linchi oberholseri Stresemann

Nov. Zool. 19: 348, December 21, 1912.

=*Collocalia esculenta oberholseri* Stresemann. See Ripley, Bull. Mus. Comp. Zool. 94: 353, 1944.

179738. Adult (sex not indicated). Sikakap Strait, North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 12, 1902. Collected by William L. Abbott.

179739. Adult female. Same data as No. 179738.

179740. Adult (sex not indicated). Same data as No. 179738.

179741. Adult male. Same data as No. 179738.

179742. Adult male. Same data as No. 179738.

This name is based wholly on *Collocalia linchi linchi* of Oberholser (Proc. Acad. Nat. Sci. Philadelphia 58: 204–205, 1906), not of Horsfield and Moore. Reference to Oberholser's paper shows that no one of the five specimens from North Pagi has a stronger claim to typeship than any other; all must accordingly be considered cotypes.

Collocalia dodgei Richmond

Smithsonian Misc. Coll. 47 [quarterly issue] (4): 431, April 5, 1905.

=*Collocalia esculenta dodgei* Richmond. See Peters, Checklist of birds of the world 4: 230, 1940.

191575. Adult (sex not indicated). Mount Kinabalu (at about 6,000 feet), British North Borneo. April–May 1904. Collected by George A. (not H.) Goss and H. D. Dodge.

Collocalia linchi isonota Oberholser

Proc. Acad. Nat. Sci. Philadelphia 58: 182 (in key), 208, July 26, 1906.

=*Collocalia esculenta isonota* Oberholser. See Peters, Checklist of birds of the world 4: 230, 1940.

192610. Adult male. Irisán, Benguet Subprovince, Luzón Island, Philippine Islands. June 6 (not 3), 1906. Collected by Richard C. McGregor and Andrés Celestino. Received from the Philippine Museum (where it was No. 2868).

Genus STREPTOPROCNE Oberholser

Streptoprocne zonaris mexicana Ridgway

Proc. Biol. Soc. Washington 23 (11) : 53, April 19, 1910.

41636. Adult male. Río Seco, near Córdoba, State of Veracruz, México. January 1866. Collected by Adrien L. F. Sumichrast. Original number 160.

Genus CHAETURA Stephens

Chætura similis "Lawr." Salvin and Godman

Biologia Centrali-Americana, Aves 2 (47) : 375, 376, January 1893.

=*Chaetura vauxi similis* Salvin and Godman, *fide* Phillips (MS.).

30840. Adult female. Dueñas (near Ciudad Guatemala Antigua), Department of Sacatepéquez, Guatemala. February 6, 1860. Received from Osbert Salvin and Frederick DuC. Godman, in whose private collection it was No. 1558.

Salvin and Godman (*op. cit.*) indicate that Lawrence had discriminated two specimens of this form (one from Tehuantepec), first as *Chaetura gaumeri*, later as *C. similis.* That our No. 30840 is one of the two is made certain by the fact that Lawrence has himself written "=guameri [*sic*], L" on the oldest label, and "Chaetura similis/Type Lawr." on a more recent one.

The name *Chætura similis* is not adopted by the authors, but treated simply as an unnecessary synonym of *C. vauxi.* Since, however, it is associated with a reference to Lawrence and critical comments, Lawrence's MS. name acquires at this point nomenclatorial validity.

Chætura richmondi Ridgway

Proc. Biol. Soc. Washington 23 (11) : 53, April 19, 1910.

=*Chaetura vauxi similis* Salvin and Godman, *fide* Phillips (MS.).

209570. Adult female. Guayabo, Province of Cartago, Costa Rica. March 5, 1908. Collected by Robert Ridgway and José C. Zeledón. Original number 60. [U.S. National] Museum-Zeledón Expedition.

Chaetura vauxi aphanes Wetmore and W. H. Phelps, Jr.

Proc. Biol. Soc. Washington 69 (1) : 2, May 21, 1956.

———. Adult male. Caripe (elev. 800 meters), State of Monagas, Venezuela. July 31, 1943. Collected by Ramón Urbano. Deposited by William H. Phelps, Sr., in whose private collection it is No. 22856.

Chætura lawrencei Ridgway

Proc. U.S. Nat. Mus. 16: 43, June 13, 1893.

=*Chaetura cinereiventris lawrencei* Ridgway. See Peters, Checklist of birds of the world 4: 238, 1940.

84841. Adult female. Prospect Park, Grenada Island, Windward Islands, Caribbean Sea. May 7, 1881. Collected by John G. Wells. Original number 8.

Chaetura spinicauda aetherodroma Wetmore

Smithsonian Misc. Coll. 117 (2) : 2, September 25, 1951.

409438. Adult male. Chepo (at elev. 500 feet, on Cerro Carbunco), Province of Panamá, Panamá. April 14, 1949. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 14808.

Chætura Dominicana Lawrence

Ann. New York Acad. Sci. 1: 255, September–December 1878.

=*Chaetura martinica* (Hermann). See Ridgway, Birds of North and Middle America 5: 724, 725, 1911; Peters, Checklist of birds of the world 4: 239, 1940.

77846. Adult male. Dominica Island, Leeward Islands, Caribbean Sea. 1877. Collected by Frederick A. Ober. Original number 281.

77847. Adult female. Dominica Island, Leeward Islands, Caribbean Sea. 1877. Collected by Frederick A. Ober. Original number 278.

Cypselus brunneitorques griseifrons Nelson

Auk 17 (3) : 262, July 1900.

=*Chaetura rutila griseifrons* (Nelson). See Peters, Checklist of birds of the world 4: 239, 1940.

157055. Adult male. Santa Teresa, State of Nayarit, México. August 8, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4709. Received from the U.S. Fish and Wildlife Service.

Genus CYPSELOIDES Streubel

Cypseloides cherriei Ridgway

Proc. U.S. Nat. Mus. 16: 44, June 13, 1893.

127069. Adult (sex not indicated). Volcán de Irazú=(probably) the southern or western slopes between 8,000 and 10,000 feet (see Carriker, Ann. Carnegie Mus. 6: 344, 1910), Province of Cartago, Costa Rica. Entered into the museum register on September 27, 1892. Collected by George K. Cherrie. Received from the Museo Nacional de Costa Rica, where it was No. 7423.

Genus NEPHOECETES Baird

Cypselus borealis Kennerly

Proc. Acad. Nat. Sci. Philadelphia 9: 202 (not earlier than November 24), 1857.

=*Nephoecetes niger borealis* (Kennerly). See Peters, Checklist of birds of the world 4: 243, 1940.

8412. Adult male. Semiahmoo Bay, Whatcom County, Washington. July 1857. Collected by Caleb B. R. Kennerly. Northwestern Boundary Survey.

Cypseloides niger costaricensis Ridgway

Proc. Biol. Soc. Washington 23: 53, April 19, 1910.

=*Nephoecetes niger costaricensis* (Ridgway). See Peters, Checklist of birds of the world 4: 243, 1940.

108275. Adult (sex not indicated). San José, Province of San José, Costa Rica. May 10, 1885. Collected by José Castulo Zeledón.

Cypseloides niger jamaicensis Ridgway

Proc. Biol. Soc. Washington 23: 53, April 19, 1910.

=*Nephoecetes niger niger* (Gmelin). See Peters, Checklist of birds of the world 4: 243, 1940.

78205. Adult female. Mayfield, St. Andrew Parish, Surrey County, Jamaica. June 25, 1879. Collected by Edward Newton. Original number 161.

Genus APUS Scopoli

Apus affinis kuntzi Deignan

Proc. Biol. Soc. Washington 71(33): 161, December 31, 1958.

469354. Adult (sex not indicated). Shih Lin (a northern suburb of Taipei), Taipei Hsien, Formosa. June 6, 1958. Collected by C. Cheng, for Robert E. Kuntz. Original number PF 5007d. Received from the U.S. Naval Medical Research Unit. No. 2.

Genus AERONAUTES Hartert

Cypselus melanoleucus Baird

Proc. Acad. Nat. Sci. Philadelphia 7: 118 (not earlier than June 27), 1854.

=*Aeronautes saxatilis saxatilis* (Woodhouse). See Peters, Checklist of birds of the world 4: 253, 1940.

6017. Adult (sex not indicated). Camp 123, west of the San Francisco Mountains on the Bill Williams Fork (or River), Coconino County, Arizona. February 16, 1854. Collected by Caleb B. R. Kennerly and H. Baldwin Möllhausen. Original number 169. Pacific Railroad Survey, Line of the 35th Parallel.

Genus REINARDA Hartert

Reinarda squamata semota Riley

Proc. Biol. Soc. Washington 46: 39, February 20, 1933.

326806. Adult female. El Mango, a settlement on the Brazo (Río) Casiquiare, Territory of Amazonas, Venezuela. February 5, 1931. Collected by Ernest G. Holt, Robert E. R. Blake, and Charles T. Agostini. Original number 4988. National Geographic Society Brazil-Venezuela Expedition.

Family HEMIPROCNIDAE: Tree-swifts

Genus HEMIPROCNE Nitzsch

Hemiprocne longipennis dryas Ripley

Proc. Biol. Soc. Washington 63: 101, May 25, 1950.

389369. Adult male. Juna Rajpipla, Rewa Kantha Agency, Bombay Presidency, India. March 25, 1946. Collected by Salim A. Ali. Original number GS 1102.

Hemiprocne longipennis anochra Oberholser
U.S. Nat. Mus. Bull. 159: 42, 1932.
=*Hemiprocne longipennis longipennis* (Rafinesque). See Ripley, Bull. Mus. Comp. Zool. 94: 354, 1944.
174684. Adult female. Pulau Bunguran (Great Natuna), northern Natuna Islands, South China Sea. July 3, 1900. Collected by William L. Abbott.

Macropteryx perlonga Richmond
Proc. U.S. Nat. Mus. 26: 502, February 4, 1903.
=*Hemiprocne longipennis perlonga* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 353–354, 1944.
179169. Adult female. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. January 2, 1902. Collected by William L. Abbott.

Hemiprocne longipennis ocyptera Oberholser
Smithsonian Misc. Coll. 60(7) : 7, October 26, 1912.
=*Hemiprocne longipennis perlonga* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 353, 1944.
180833. Adult male. Lafau, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 23, 1905. Collected by William L. Abbott.

Hemiprocne longipennis thoa Oberholser
Smithsonian Misc. Coll 60(7) : 8, October 26, 1912.
=*Hemiprocne longipennis perlonga* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 353, 1944.
179724. Adult male. Pulau Pini, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. March 7, 1903. Collected by William L. Abbott.

Family TROCHILIDAE: Hummingbirds

Genus GLAUCIS Boie

Glaucis æneus Lawrence
Proc. Acad. Nat. Sci. Philadelphia, p. 232 (not earlier than December 31), 1867=1868?
=*Glaucis hirsuta aenea* Lawrence. See Bangs, Auk 24: 295, 1907; Peters, Checklist of birds of the world 5: 5, 1945.
99993. Adult (sex not indicated). Costa Rica. 1867? Collected by A. R. Endrés. Original number 1.

Genus PHAETHORNIS Swainson

Phœthornis longirostris veræcrucis Ridgway
Proc. Biol. Soc. Washington 23: 54, April 19, 1910.
=*Phaethornis superciliosus veraecrucis* Ridgway. See Peters, Checklist of birds of the world 5: 9, 1945.
177330. Adult male. Buena Vista, State of Veracruz, México. May 23, 1901. Collected by Albert E. Colburn. Original number 1435.

Phæthornis Cassinii Lawrence

Ann. Lyc. Nat. Hist. New York 8: 347 (not earlier than June 25), 1866.

=*Phaethornis superciliosus cassinii* Lawrence. See Peters, Checklist of birds of the world 5: 9, 1945.

17918. Adult male. Turbo, Department of Antioquia, Colombia. Entered into the museum register on July 25, 1860. Collected by Arthur C. V. Schott. Original number 360. U.S. Survey of the Atrato River.

17919. Adult female. Cartagena, Department of Bolívar, Colombia. Entered into the museum register on July 25, 1860. Collected by Arthur C. V. Schott. Original number 4. U.S. Survey of the Atrato River.

In his remarks Lawrence wrote as follows: "Spec. in Mus. Smith. Inst., No. of type 17918. Two specimens examined are neither in good condition, but they do not differ in plumage. One (No. 17918) from Turbo is marked as a male, but being in the poorest order, I have taken the one marked as a female for the type."

From this one must adjudge the author's first use of 17918 a misprint for 17919. However, if one of these two badly made specimens can be said to be in poorer condition than the other, it is No. 17919, the female, which differs primarily in having the tail without the elongated central rectrices and half of the lateral feathers.

The diagnosis is allegedly based on the female, but there we find the color of the central tail feathers described and must assume that this character was taken from No. 17918, the male. In short, the description fits two specimens that "do not differ in plumage," and is obviously at least in part a composite one or wholly based on the male.

When, in addition, we find that each bears on its label in Lawrence's hand the word "Type," it seems necessary here, without further discussion of the author's real intentions, to list both examples as cotypes.

Phæthornis augusti curiosus Wetmore

Proc. Biol. Soc. Washington 69 (19): 125, September 12, 1956.

383539. Adult female. Atanques (elev. 2,500 feet), Department of Magdalena, Colombia. May 30, 1945. Collected by Melbourne A. Carriker, Jr. Original number 6120.

Phæthornis adolphei fraterculus Nelson

Smithsonian Misc. Coll. 60(3): 9, September 27, 1912.

Phaethornis adolphi nelsoni Bangs and Barbour

Bull. Mus. Comp. Zool. 65: 204, September 1922.

=*Phaethornis longuemareus subrufescens* Chapman. See Peters, Checklist of birds of the world 5: 15, 1945.

232530. Adult male. Santa Cruz de Cana (at elev. 2,000 feet), Province of Darién, Panamá. February 28, 1912. Collected by Edward A. Goldman. Original number 15230. Received from the U.S. Fish and Wildlife Service.

Phaethornis adolphi nelsoni is a new name for *P. adolphei frateculus* Nelson, 1912, not *P. fraterculus* Gould, 1861, and is based upon the same type specimen.

Genus CAMPYLOPTERUS Swainson

Pampa pampa excellens Wetmore

Proc. Biol. Soc. Washington 54: 207, December 8, 1941.

=*Campylopterus curvipennis excellens* (Wetmore). See Peters, Checklist of birds of the world 5: 19, 1945.

359708. Adult male. Volcán San Martín (at about 3,300 feet), Sierra de Tuxtla, State of Veracruz, México. April 22, 1940. Collected by Melbourne A. Carriker, Jr. Original number 799.

Genus FLORISUGA Bonaparte

Florisuga mellivora tobagensis Ridgway

Proc. Biol. Soc. Washington 23: 55, April 19, 1910.

=*Florisuga mellivora flabellifera* (Gould). See Peters, Checklist of birds of the world 5: 22, 1945.

74908. Adult male. Tobago Island, Caribbean Sea. 1878 (entered into the museum register on September 18). Collected by Frederick A. Ober.

Genus ANTHRACOTHORAX Boie

Lampornis thalassinus Ridgway

Proc. Biol. Soc. Washington 3:23, February 26, 1885.

=*Anthracothorax prevostii prevostii* (Lesson). See Ridgway, Birds of North and Middle America 5: 463, 465, 1911.

102796. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 24, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Anthracothorax violicauda pinchoti Wetmore

Proc. Biol. Soc. Washington 43: 7, March 12, 1930.

=*Anthracothorax prevostii pinchoti* Wetmore. See Peters, Checklist of birds of the world 5: 25, 1945.

313803. Adult male. San Andrés Island, Caribbean Sea off Nicaragua. April 27, 1929. Collected by Albert K. Fisher. Original number 7414. Pinchot South Sea Expedition (1929).

Genus POPELAIRIA Reichenbach

Popelairia conversii salvini "Zeledón (manuscript)" Ridgway

Birds of North and Middle America 5: 680 (footnote), November 29, 1911.

=*Popelairia conversii* (Bourcier and Mulsant). See Peters, Checklist of birds of the world 5: 34–35, 1945.

199271. Adult male. Bonilla, Province of Limón, Costa Rica. April 4, 1905. Collected by Robert Ridgway.

Genus CHLORESTES Reichenbach

Chlorostilbon puruensis Riley

Proc. Biol. Soc. Washington 26: 63, March 22, 1913.

=*Chlorestes notatus puruensis* (Riley). See Zimmer, Amer. Mus. Nov. 1463: 23–26, 1950.

177034. Adult male. Hyutanaham, at the head of navigation on the Rio Purús, State of Amazonas, Brazil. March 24, 1901. Collected by Joseph B. Steere.

Genus CHLOROSTILBON Gould

Chlorostilbon insularis Lawrence

Ann. Lyc. Nat. Hist. New York 7: 457 (not earlier than February) 1862.

=*Chlorostilbon aureo-ventris pucherani* (Bourcier and Mulsant). See Von Berlepsch, Proc. U.S. Nat. Mus. 11: 564, 1888; Peters, Checklist of birds of the world 5: 37, 1945.

25856. Adult male. Brazil (not Tres Marías Islands). Entered (or reentered) into the museum register in August 1862 (not collected in July 1861). Trade-skin of Rio de Janeiro make (not collected by John Xántus).

The true history of this trade-skin can probably never be known, although it may be safely asserted that the Xántus label it bears does not belong to it.

Nos. 25851–25875 are miscellaneous hummingbirds, all but one of which are attributed to Xántus, and five of which are said to have come from the Tres Marías (never visited by Xántus). Of these last, two are Brazilian, while three are Guatemaltecan forms. The Guatemaltecan birds all seem to be reentries of Skinner-made specimens that were received long before from John Gould and cannot now be found under the numbers originally given them. It is logical to assume that the Brazilian birds likewise represent reentries of old specimens of which the original labels had been lost.

Chlorostilbon forficatus Ridgway

Proc. Biol. Soc. Washington 3: 23, February 26, 1885.

=*Chlorostilbon canivetii forficatus* Ridgway. See Peters, Checklist of birds of the world 5: 38, 1945.

102812. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 23, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Chlorostilbon osberti Gould

Proc. Zool. Soc. London 28 (2); 309, August 1860.

=*Chlorostilbon canivetii osberti* Gould. See Peters, Checklist of birds of the world 5: 38, 1945.

20499. Adult male. Dueñas (near Ciudad Guatemala Antigua), Department of Sacatepéquez, Guatemala. February 3, 1858. Collected by Osbert Salvin. Original number 64.

At the original description, no mention is made of the number and ownership of the types. Salvin states (Catalogue of the birds in the British Museum 16: 48, 1892), however, that the types are three adults, taken by himself in February at Dueñas, which were earlier in the Gould Collection.

Since the name *osberti* appeared as a *nomen nudum* as early as January (see Ibis, p. 40, 1860), and was first associated with a description at the meeting of the Zoological Society on June 12, while our specimen was not received from Salvin until December 1860, and since, moreover, its data are quite like those of the London cotypes, there is every reason to suppose that No. 20499 was one of the original series turned over to Gould for study, part of which was then retained by the describer, while the remainder were returned to the collector.

Sporadinus Bracei Lawrence

Ann. New York Acad. Sci. 1: 50 (not earlier than December) 1877.

=*Chlorostilbon ricordii bracei* (Lawrence). See Peters, Checklist of birds of the world 5: 39, 1945.

71386. Adult male. Nassau, New Providence Island, Bahama Islands. July 13, 1877. Collected by Lewis J. K. Brace. Original number 18.

Riccordia æneoviridis W. Palmer and Riley

Proc. Biol. Soc. Washington 15: 34, March 5, 1902.

=*Chlorostilbon ricordii bracei* (Lawrence). See Peters, Checklist of birds of the world 5: 39, 1945.

108572. Adult male. Abaco Island, Bahama Islands. March 27, 1886. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus CYNANTHUS Swainson

I[ache]. lawrencei "Berl." Ridgway

Manual of North American birds, p. 320, September 1887.

=*Cynanthus latirostris lawrencei* (von Berlepsch). See Ridgway, Birds of North and Middle America 5: 373, 375, 1911; Peters, Checklist of birds of the world 5: 43, 1945.

42539. Adult male. Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. Entered into the museum register on October 25, 1866. Collected by Andrew J. Grayson. Original number 71.

I list this specimen as a type with some misgivings. Ridgway's name, derived from von Berlepsch's MS., came out in September 1887, but von Berlepsch's own homonym had already appeared in July (between the time Ridgway wrote his description and the date of its publication).

Despite the fact that von Berlepsch referred to our specimen at his original description, he had never set eyes upon it; he had sent one of his own birds to this country for examination and "Mr. Ridgway . . . told me that my specimen exactly agreed with a skin belonging to the U.S. National Museum collected in Tres Marias by the late Col. A. F. [*sic*] Grayson" (Ibis, p. 293, 1887).

In sum, if No. 42539 may properly be considered a type at all, it is the type solely of Ridgway's name. I deal with it here chiefly because its red label shows that the late C. W. Richmond accepted it as the type of "Iache lawrencei Ridgw."

Genus THALURANIA Gould

Thalurania ridgwayi Nelson

Auk 17 (3): 262, July 1900.

=*Thalurania furcata ridgwayi* Nelson. See Peters, Checklist of birds of the world 5: 45, 1945.

155981. Adult male. Near San Sebastián, State of Jalisco, México. March 18, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3906. Received from the U.S. Fish and Wildlife Service.

Thalurania townsendi Ridgway

Proc. U.S. Nat. Mus. 10: 590, August 6, 1888.

=*Thalurania furcata townsendi* Ridgway. See Peters, Checklist of birds of the world 5: 45, 1945.

112190 (not 11219). Adult male. Río Segovia, Honduras or Nicaragua (the south bank is Nicaragua, and the north bank, except at the mouth, is contested territory). August 13, 1887. Collected by Charles H. Townsend. Original number 2095.

Thalurania Luciæ Lawrence

Ann. Lyc. Nat. Hist. New York 7: 456 (not earlier than February) 1862.

=*Thalurania glaucopis* (Gmelin). See von Berlepsch, Proc. U.S. Nat. Mus. 11: 561, 1888.

25857. Immature male. Brazil? (not Tres Marías Islands). Entered (or reentered) into the museum register in August 1862 (not collected in July 1861). Trade-skin of Rio de Janeiro make (not collected by John Xántus).

See remarks under *Chlorostilbon insularis* Lawrence.

Genus HYLOCHARIS Boie

Amazilia Xantusii Lawrence

Ann. Lyc. Nat. Hist. New York 7: 109 (not earlier than April) 1860.

=*Hylocharis xantusii* (Lawrence). See Peters, Checklist of birds of the world 5: 52, 1945.

16935. Adult female. San Nicolás (between Cape San Lucas and San José del Cabo), State of Baja California, México. October 1859. Collected by John Xántus. Original number 3113.

Heliopaedica castaneocauda Lawrence

Ann. Lyc. Nat. Hist. New York 7: 145 (not earlier than April 23), 1860.

=*Hylocharis xantusii* (Lawrence). See Ridgway, Birds of North and Middle America 5: 383, 1911; Peters, Checklist of birds of the world 5: 52, 1945.

17767. Adult male. Miraflores (at about lat. 23°24′ N.), State of Baja California, México. November 26, 1859. Collected by John Xántus. Original number 3431.

Thaumatias viridicaudus Lawrence

Ann. Lyc. Nat. Hist. New York 8: 404 (not earlier than December 10) 1866.

=*Hylocharis humboldtii* (Bourcier and Mulsant), *fide* Wetmore MS.

213171. Adult female. Buenaventura, Department of Valle del Cauca, Colombia. August 1864. Collected by Fred Hicks. Original number 12.

This specimen was found in the collection without a number and was first entered into the museum register on February 27, 1911.

Genus GOLDMANIA Nelson

Goldmania violiceps Nelson

Smithsonian Misc. Coll. 56 (21): 1, July 8, 1911.

207754. Adult male. Cerro Azul (elev. 3,000 feet), about 15 miles NW. of Chepo, Department of Panamá, Panamá. March 23, 1911. Collected by Edward A. Goldman. Original number 14173. Received from the U.S. Fish and Wildlife Service.

Genus GOETHALSIA Nelson

Goethalsia bella Nelson

Smithsonian Misc. Coll. 60 (3): 7, September 27 (not 24), 1912.

238672. Subadult male. Santa Cruz de Cana (at elev. 2,000 feet), Department of Darién, Panamá. March 16, 1912. Collected by Edward A. Goldman. Original number 15371. Received from the U.S. Fish and Wildlife Service.

Genus LEUCIPPUS Bonaparte

Doleromya pallida Richmond

Auk 12 (4): 369, October 1895.

Leucippus fallax richmondi Cory

Field Mus. Nat. Hist. [Publ. 183], Orn. Ser. 1 (9): 303, August 7, 1915.

=*Leucippus fallax fallax* (Bourcier). See Peters, Checklist of birds of the world 5: 59, 1945.

151069. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 5, 1895. Collected by Wirt Robinson. Original number 432.

Leucippus fallax richmondi is a new name for *Doleromya pallida* Richmond, 1895, not *Leucippus pallidus* Taczanowski, 1875, and is based upon the same type specimen.

Genus AMAZILIA Lesson

Uranomitra whitelyi Boucard

Humming Bird 3 (1) : 8, March 1893.

=*Amazilia chionopectus whitelyi* (Boucard). See Peters, Checklist of birds of the world 5: 63, 1945.

149530. Adult male. Ourunei, British Guiana. October 22, 1890. Collected by Henry Whitely, Jr. Received from Adolphe Boucard.

149526. Adult female. Annai, British Guiana. June 8, 1892. Collected by Henry Whitely, Jr. Received from Adolphe Boucard.

This form was based upon an unstated number of specimens, with both sexes represented. The type locality was given simply as "British Guiana." Since each of these examples must have been in Boucard's hands at the time *whitelyi* was described, and since he has written on the label of each the words "typical specimen," it is logical to assume that they are cotypes.

Agyrtrina versicolor brabournii Bangs and Penard

Bull. Mus. Comp. Zool. 62 (2) : 63, April 1918.

=*Amazilia versicolor versicolor* (Vieillot). See Peters, Checklist of birds of the world 5: 64, 1945.

45593. Adult (sex not indicated). Bahia=São Salvador, State of Bahia, Brazil. Entered into the museum register on February 26, 1867. Collected by Antonio F. G. de Lacerda, Jr. Original number 330.

Amazilia distans Wetmore and W. H. Phelps, Jr.

Proc. Biol. Soc. Washington 69 (1) : 4, May 21, 1956.

———. Adult male. "El Salao" (elev. 300 meters), near Burgua, State of Táchira, Venezuela. July 17, 1954. Collected by Ramón Urbano. deposited by William H. Phelps, Sr., in whose private collection it is No. 60790.

Amazilia aliciæ Richmond

Auk 12 (4) : 368, October 1895.

=*Amazilia tobaci aliciae* Richmond. See Peters, Checklist of birds of the world 5: 71, 1945.

151067. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 4, 1895. Collected by Wirt Robinson. Original number 408.

Amazilia edward ludibunda Wetmore

Smithsonian Misc. Coll. 121 (2) : 16, December 2, 1952.

400314. Adult male. Quebrada Chitabé, 4 miles west of Pesé, Province of Herrera, Panamá. March 30, 1948. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 14081.

Amazilia edward collata Wetmore

Smithsonian Misc. Coll. 121 (2): 17, December 2, 1952.

433638. Adult male. Head of Río Antón (at elev. 1,900 feet), near El Valle de Antón, Province of Coclé, Panamá. March 28, 1951. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 16563.

Amazilia cinnamomea saturata Nelson

Proc. Biol. Soc. Washington 12: 63, March 24, 1898.

=*Amazilia rutila corallirostris* (Bourcier and Mulsant). See Peters, Checklist of birds of the world 5: 73, 1945.

155297. Adult male. Huehuetán, State of Chiapas, México. March 2, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3626. Received from the U.S. Fish and Wildlife Service.

Amazilia (Pyrrophæna) Graysoni Lawrence

Ann. Lyc. Nat. Hist. New York 8: 404 (not earlier than December 10), 1866.

=*Amazilia rutila graysoni* Lawrence. See Peters, Checklist of birds of the world 5: 73, 1945.

42538. Adult male. Tres Marías Islands, off the State of Nayarit, México. Entered into the museum register on October 25, 1866. Collected by Andrew J. Grayson. Original number 75.

Amazilia cerviniventris chalconota Oberholser

Auk 15 (1): 32, January 1898.

=*Amazilia yucatanensis chalconota* Oberholser. See Peters, Checklist of birds of the world 5: 73, 1945.

134941. Adult male. "Bville"=Brownsville (not Beeville), Cameron County, Texas. May 29, 1894. Collected by Frank B. Armstrong. Received from Walter F. Webb.

U[ranomitra] ellioti von Berlepsch

Proc. U.S. Nat. Mus. 11: 561, September 25, 1889.

=*Amazilia verticalis ellioti* (von Berlepsch). See Peters, Checklist of birds of the world 5: 75, 1945; A.O.U. Committee on Classification and Nomenclature, Auk 72: 293, 1955.

115288. Adult (sex not indicated). Mazatlán, State of Sinaloa, México. Prior to August 1869, the date of the collector's death, but entered (or reentered) into the museum register on January 14, 1889. Collected by Andrew J. Grayson. Original number 1119.

Genus EUPHERUSA Gould

Eupherusa exima nelsoni Ridgway

Proc. Biol. Soc. Washington 23: 54, April 19, 1910.

155363. Adult male. Motzorongo, State of Veracruz, México. February 28, 1894. Collected by Edward W. Nelson and Edward A. Goldman.

Original number 1770. Received from the U.S. Fish and Wildlife Service.

Eupherusa nigriventris Lawrence

Proc. Acad. Nat. Sci. Philadelphia, p. 232 (not earlier than December 31), 1867, or 1868.

74015. Adult male. Costa Rica. 1866–1869. Collected by A. R. Endrés.

Genus ELVIRA Mulsant, J. and E. Verreaux

Eupherusa niveicauda Lawrence

Ann. Lyc. Nat. Hist. New York 8: 134 (not earlier than May 1), 1865.

=*Elvira chionura* (Gould). See Ridgway, Birds of North and Middle America 5: 402, 404, 1911.

35338. Adult male. Santa María de Dota, Province of San José, Costa Rica. July 22, 1864. Collected by Julián Carmiol.

Eupherusa cupreiceps Lawrence

Ann. Lyc. Nat. Hist. New York 8: 348 (not earlier than June 25), 1866.

=*Elvira cupreiceps* (Lawrence). See Peters, Checklist of birds of the world 5: 78, 1945.

41478. Adult male. Barranca, "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcán de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. October 2, 1865. Collected by Julián Carmiol. Original number 1.

Genus MICROCHERA Gould

Panychlora parvirostris Lawrence

Proc. Acad. Nat. Sci. Philadelphia, p. 39, (not earlier than February 28) 1865.

=*Microchera albo-coronata parvirostris* (Lawrence). See Peters, Checklist of birds of the world 5: 78, 1945.

34912. Adult female. Angostura, Province of Cartago, Costa Rica. June 7, 1864. Collected by Julián Carmiol.

Genus CHALYBURA Reichenbach

Chalybura Carnioli [*sic*] Lawrence

Proc. Acad. Nat. Sci. Philadelphia, p. 39 (not earlier than February 28), 1865.

=*Chalybura urochrysia melanorrhoa* Salvin. See Peters, Checklist of birds of the world 5: 79, 1945.

34920. Adult male. Angostura, Province of Cartago, Costa Rica. June 11, 1864. Collected by Julián Carmiol (not Carniol).

34921. Adult female. Angostura, Province of Cartago, Costa Rica. June 15, 1864. Collected by Julián Carmiol (not Carniol).

Genus LAMPORNIS Swainson

Cyanolaemus clemenciae bessophilus Oberholser

Condor 20 (5) : 181, September 27, 1918.

=*Lampornis clemenciae bessophilus* (Oberholser). See Peters, Checklist of birds of the world 5: 81, 1945.

140247. Adult male. Fly Park, Chiricahua Mountains, Cochise County, Arizona. June 8, 1894. Collected by Albert K. Fisher. Original number 60. Received from the U.S. Fish and Wildlife Service.

Delattria henrica brevirostris Ridgway

Proc. Biol. Soc. Washington 21: 195, October 20, 1908.

=*Lampornis amethystinus brevirostris* (Ridgway). See Peters, Checklist of birds of the World 5: 81, 1945.

155982. Adult male. San Sebastián, State of Jalisco, México. March 17, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3903. Received from the U.S. Fish and Wildlife Service.

Delattria pringlei Nelson

Auk 14 (1) : 51, January 1897.

=*Lampornis amethystinus margaritae* (Salvin and Godman). See Peters, Checklist of birds of the world 5: 81, 1945.

155219. Adult male. Fifteen miles west of Oaxaca, State of Oaxaca, México. September 14, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2288. Received from the U.S. Fish and Wildlife Service.

Genus HELIODOXA Gould

Heliodoxa Henryi Lawrence

Ann. Lyc. Nat. Hist. New York 8: 402 (not earlier than December 10), 1866, or 1867.

=*Heliodoxa jacula henryi* Lawrence. See Peters, Checklist of birds of the world 5: 88, 1945.

34922. Adult female. Angostura, Province of Cartago, Costa Rica. June 15, 1864. Collected by Julián Carmiol.

41476. Immature male. Tuiz (*not* Juiz), Province of Cartago, Costa Rica. March 14, 1865 (*not* 1866). Collected by Julián Carmiol.

Genus TOPAZA G. R. Gray

Topaza pella pamprepta Oberholser

Proc. U.S. Nat. Mus. 24: 321, January 18, 1902.

174294. Adult male. Suno (on the Río Napo at the mouth of the Río Suno), Perú or Ecuador (contested territory). May 1899. Collected by Walter Goodfellow and Claud Hamilton.

Genus AGLAEACTIS Gould

Aglæactis olivaceocauda Lawrence

Ann. Lyc. Nat. Hist. New York 8: 470 (not earlier than May 13), 1867.

=*Aglaeactis cupripennis caumatonotus* Gould. See von Berlepsch, Proc. U.S. Nat. Mus. 11: 561, 1888; Peters, Checklist of birds of the world 5: 96, 1945.

39931. Adult (sex not indicated). Matara, Department of Ayacucho, Perú. October 22, 1864. Collected by Walter S. Church. Original number 107.

Genus COELIGENA Lesson

Coeligena bonapartei consita Wetmore and W. H. Phelps, Jr.

Proc. Biol. Soc. Washington 65: 135, August 5, 1952.

———. Adult female. "Southeastern base of Cerro Tetari, at 2900 meters elevation," Sierra de Perijá, State of Zulia, Venezuela. April 21, 1952. Collected by R. Urbano. Deposited by William H. Phelps, Sr., in whose private collection it is No. 54415.

Coeligena orina Wetmore

Smithsonian Misc. Coll. 122 (8) : 4, December 17, 1953.

436219. Adult male. Páramo de Frontino (at elev. 10,500 feet), Department of Antioquia, Colombia. August 27, 1951. Collected by Melbourne A. Carriker, Jr. Original number 21016.

Helianthea hamiltoni Goodfellow

Bull. Brit. Orn. Club 10: 48, February 28, 1900.

=*Coeligena lutetiae* (De Lattre and Bourcier). See Peters, Checklist of birds of the world 5: 101, 102, 1945.

173708. Adult male. Papallacta, Province of Pichincha, Ecuador. February 1899. Collected by Walter Goodfellow and Claud Hamilton.

This name was based upon a series of 15 specimens (12 males, three females), from the same locality and of the same date.

No. 173708 is merely a lectotype, chosen by Oberholser (Proc. U.S. Nat. Mus. 24: 325, 1902) because it is "the one which corresponds to the measurements given." But since the measurements given are presumably average ones for the series, all, by the rules adopted in this study, have equal status as cotypes.

The series run from No. 173706 to No. 173720, inclusive, of which Nos. 173709, 173716, and 173720 are females. Making necessary allowance for sex, all have data identical with those given above for No. 173708.

Genus BOISSONNEAUA Reichenbach

Boissonneaua flavescens tinochlora Oberholser

Proc. U.S. Nat. Mus. 24: 329, January 18, 1902.

174520. Adult male. On the western side of the Volcán Corazón, Province of Pichincha, Ecuador. September 1898. Collected by Walter Goodfellow and Claud Hamilton.

Genus HELIANGELUS Gould

Heliangelus exortis soderstromi [*sic*] Oberholser
Proc. U.S. Nat. Mus. 24: 334, January 18, 1902.
=*Heliangelus exortis* (Fraser). See Chapman, Bull. Amer. Mus. Nat. Hist. 36: 304, 305, 1917.
174008. Adult female (not male). On the lower western side of the Volcán Corazón, Province of Pichincha, Ecuador. September 1898. Collected by Walter Goodfellow and Claud Hamilton.

Genus HAPLOPHAEDIA Simon

Eriocnemis floccus Nelson
Smithsonian Misc. Coll. 60 (3) : 8, September 27, 1912.
=*Haplophaedia aureliae caucensis* (Simon). See Peters, Checklist of birds of the world 5: 112, 1945.
238295. Adult male. Eastern slope of Mount Pirri (at elev. 5,000 feet), near the head of the Río Limón, Department of Darién, Panamá. April 12, 1912. Collected by Edward A. Goldman. Original number 15488. Received from the U.S. Fish and Wildlife Service.

Genus METALLURA Gould

Zodalia thaumasta Oberholser
Proc. U.S. Nat. Mus. 24: 338, January 18, 1902.
=*Metallura purpureicauda* (Hartert). See Peters, Checklist of birds of the world 5: 119, 1945.
173911. Adult male. Illalo, Valley of Chillo (near the Volcán Cotopaxi), Province of León, Ecuador. November 1898. Collected by Walter Goodfellow and Claud Hamilton.

In order to find a position for this form in my systematic scheme, I have followed Peters in placing it in the genus *Metallura.* Meyer de Schauensee has however shown (Proc. Acad. Nat. Sci. Philadelphia 99: 107–111, 1947) that "*Zodalia thaumasta*" is almost certainly a hybrid between *Aglaiocercus coelestis coelestis* (Gould) and *Lesbia victoriae aequatorialis* Boucard.

Metallura iracunda Wetmore
Smithsonian Misc. Coll. 106 (16) : 3, December 30, 1946.
372813. Adult male. "Between 9,500 and 10,000 feet elevation above Airoca," Sierra de Perijá, Department of Magdalena, Colombia. May 4, 1942. Collected by Melbourne A. Carriker, Jr. Original number 2609.

Genus CHALCOSTIGMA Reichenbach

Ramphomicron olivaceus Lawrence
Ann. Lyc. Nat. Hist. New York 8: 44 (not earlier than June 13), 1864.
=*Chalcostigma olivaceum olivaceum* (Lawrence). See Peters, Checklist of birds of the world 5: 121, 1945.

32640. Adult male. La Paz, Department of La Paz, Bolivia. (Not later than) 1861–1862. Received from David K. Cartter.

Genus HELIOTHRYX Boie

Heliothrix barroti alincius Oberholser

Proc. U.S. Nat. Mus. 24: 339, January 18, 1902.

=*Heliothryx barroti* (Bourcier). See Peters, Checklist of birds of the world 5: 127, 1945.

33649. Adult (sex not indicated). Choctum, Department of Alta Vera Paz, Guatemala. 1862. Collected by Osbert Salvin. Original number 4087.

Genus PHILODICE Mulsant, J. and E. Verreaux

Trochilus Bahamensis Bryant

Proc. Boston Soc. Nat. Hist. 7: 106 (not earlier than September), 1859.

=*Philodice evelynae evelynae* (Bourcier). See Ridgway, Birds of North and Middle America 5: 643, 1911; Peters, Checklist of birds of the world 5: 132, 1945.

13509. Adult male. Nassau, New Providence Island, Bahama Islands. April 1859. Collected by Henry Bryant.

Bryant named this form from a series of seven, "killed in February and the early part of March." Either he forgot that the bird had been found also in April, or the date for this specimen was incorrectly transcribed onto the Smithsonian label by Baird (Bryant's original label no longer exists). The bird was one of several cotypes received from Bryant in December 1859; Baird wrote "type of Bahamensis" on the label, and its typeship was never questioned by Ridgway and Richmond.

Two other cotypes, a male and a female, still exist in the Museum of Comparative Zoology, where they are Nos. 46812 and 46813.

Doricha bryantæ Lawrence

Ann. Lyc. Nat. Hist. New York 8: 483 (not earlier than May 27), 1867.

=*Philodice bryantae* (Lawrence). See Peters, Checklist of birds of the world 5: 132, 1945.

257362 (probably=47531 reentered). Adult male. Santa María de Dota, Province of San José, Costa Rica. February 27, 1867. Collected by Julián Carmiol.

Genus ARCHILOCHUS Reichenbach

Trochilus aurigularis Lawrence

Ann. Lyc. Nat. Hist. New York 7: 458 (not earlier than February 10), 1862.

=*Archilochus colubris* (Linnaeus). See Ridgway, Birds of North and Middle America 5: 629, 633, 1911.

23467. Adult male. "Somewhere in U.S." (*fide* Baird MS.). Entered into the museum register on December 31, 1861.

Although this specimen was not given a number until the end of 1861, when it was entered as one of a miscellaneous lot of birds dried out from alcohol, it had probably reached the museum many years before.

Genus ATTHIS Reichenbach

Atthis morcomi Ridgway

Auk 15 (4) : 325, October 1898.

=*Atthis heloisa heloisa* (Lesson and De Lattre). See Bangs, Condor 29:118–119, 1927.

153886. Adult female. Ramsay Canyon, Huachuca Mountains, Cochise County, Arizona. July 2, 1896. Collected by Harry G. Rising. Original number 5. Received from W. B. Judson.

Atthis ellioti Ridgway

Proc. U.S. Nat. Mus. 1:9, March 27, 1878.

=*Atthis heloisa ellioti* Ridgway. See Peters, Checklist of birds of the world 5: 138, 1945.

20494. Adult male. Volcán de Fuego, Department of Chimaltenango, Guatemala. Entered into the museum register on December 10, 1860. Collected by — Constancia for Osbert Salvin. Original number 417. Received from Osbert Salvin.

Order COLIIFORMES: Colies

Family COLIIDAE: Colies

Genus COLIUS Brisson

Colius striatus jebelensis Mearns

Proc. U.S. Nat. Mus. 48: 394, January 19, 1915.

216489. Adult male. Gondokoro, Mongalla Province, Anglo-Egyptian Sudan. February 23, 1910. Collected by John A. Loring. Original number 868. Smithsonian African Expedition.

Order TROGONIFORMES: Trogons

Family TROGONIDAE: Trogons

Genus TROGON Brisson

Trogon bairdii Lawrence

Ann. Lyc. Nat. Hist. New York 9: 119 (not earlier than April) 1868.

=*Trogon strigilatus bairdii* Lawrence. See Peters, Checklist of birds of the world 5: 152, 1945.

43018. Adult male. Turrialba (not San Mateo), Province of Cartago, Costa Rica. July (not April) 1866. Collected by Juan Cooper. Original number 31.

In writing out museum labels for Nos. 43018 and 43019, someone erroneously copied the data for Nos. 43008 and 43009; this explains Lawrence's mistake in locality and date.

Trogon ambiguus goldmani Nelson

Proc. Biol. Soc. Washington 12: 8, January 27, 1898.

=*Trogon elegans goldmani* Nelson. See Peters, Checklist of birds of the world 5: 154, 1945.

156752. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 10, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4338. Received from the U.S. Fish and Wildlife Service.

Trogon chrysomelas Richmond

Proc. U.S. Nat. Mus. 16: 513, October 4, 1893.

=*Trogon rufus tenellus* Cabanis. See Peters, Checklist of birds of the world 5: 156, 1945.

127338. Adult male. Forest behind the International Planting Company ("I.P.") Plantation (on the Río Escondido, 50 miles from Bluefields), Department of Zelaya, Nicaragua. September 23, 1892. Collected by Charles W. Richmond. Original number 4396.

No. 128377, the female "cotype," is in fact an example of *Trogon violaceus concinnus* Lawrence, a fact discovered by Richmond himself many years ago.

Chrysotrogon ramonianus goeldii Ridgway

Birds of North and Middle America 5: 786 (footnote *b*), November 29, 1911.

=*Trogon violaceus crissalis* (Cabanis and Heine). See Peters, Checklist of birds of the world 5: 159, 1945.

105232. Adult male. Pará=Belém, State of Pará, Brazil. March 6, 1881. Collected by Edward M. Brigham. Received from Indiana State University through David S. Jordan.

Genus HARPACTES Swainson

Harpactes rodiosternus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 166, "pl. XLI, fig. 3," 1848.

=*Harpactes ardens* (Temminck). See Hachisuka, Birds of the Philippines 2: 192, 1934.

14065. Adult male. Near Zamboanga, Zamboanga Province, Mindanao Island, Philippine Islands. January 31, 1842. Original number 495. U.S. Exploring Expedition (1838–1842).

Harpactes oreskios stellae Deignan

Auk 58 (3): 397, July 9, 1941.

331917. Adult female. Ban Chiang Dao (lat. 19°20′ N., long. 99°00′ E.), Chiang Mai Province, northwestern Siam. January 29, 1932. Collected by Hugh McC. Smith. Original number 5274.

Pyrotrogon erythrocephalus annamensis Robinson and Boden Kloss

Ibis (11) 1: 424, July 1919.

=*Harpactes erythrocephalus annamensis* (Robinson and Boden Kloss). See Deignan, U.S. Nat. Mus. Bull. 186: 194, 195, 1945.

278367. Adult female. Dran (at elev. 3,000 feet), Haut-Donai Province, southern Annam. March 29, 1918. Collected by Cecil Boden Kloss.

This race was based upon a pair from Dran and three females from the Peaks of Lang Bian. The two from Dran are designated as "types of the subspecies" at the original description.

Harpactes erythrocephalus chaseni Riley

Proc. Biol. Soc. Washington 47: 115, June 13, 1934.

149749. Adult male. Semangko Pass (at elev. 2,700–4,000 feet), below Fraser's Hill, Selangor-Pahang boundary, Malaya. February 14, 1904. Received from the Selangor State Museum.

Order CORACIIFORMES: Kingfishers, Bee-eaters, Rollers, Hornbills

Family ALCEDINIDAE: Kingfishers

Genus CERYLE Boie

Ceryle stictipennis Lawrence

Proc. U.S. Nat. Mus. 8: 623, December 28, 1885.

=*Ceryle torquata stictipennis* Lawrence. See Peters, Checklist of birds of the world 5: 166, 1945.

82489. Adult female. Guadeloupe Island, Leeward Islands, Caribbean Sea. Entered into the museum register on August 6, 1881. Collected by L. Guesde.

This form was based upon two cotypes, a male and a female; the other specimen is now in the collection of the American Museum of Natural History.

Genus CHLOROCERYLE Kaup

Ceryle americana isthmica Goldman

Smithsonian Misc. Coll. 56 (27) : 1, December 1, 1911.

=*Chloroceryle americana isthmica* (Goldman). See Peters, Checklist of birds of the world 5: 168, 1945.

207628. Adult male. Río Indio (near Gatun), Panamá Canal Zone. February 23, 1911. Collected by Edward A. Goldman. Original number 13820. Received from the U.S. Fish and Wildlife Service.

Chloroceryle americana croteta Wetmore

Journ. Washington Acad. Sci. 12: 325, August 19, 1922.

75019. Adult male. Tobago Island, Caribbean Sea. Entered into the museum register on September 18, 1878. Collected by Frederick A. Ober.

Ceryle superciliosa stictoptera Ridgway

Proc. Biol. Soc. Washington 2: 95, April 10, 1884.

=*Chloroceryle aenea stictoptera* (Ridgway). See Peters, Checklist of birds of the world 5: 170, 1945.

39206. Adult female. Sisal, State of Yucatán, México. May 7, 1865. Collected by Arthur C. V. Schott. Original number 455. Comisión Científica de Yucatán.

39207 (not 39297). Adult male. Sisal, State of Yucatán, México. May 8, 1865. Collected by Arthur C. V. Schott. Original number 458. Comisión Científica de Yucatán.

Genus ALCEDO Linnaeus

Alcedo meninting subviridis Oberholser

Smithsonian Misc. Coll. 60 (7) : 7, October 26, 1912.

=*Alcedo meninting meninting* Horsfield. See Ripley, Bull. Mus. Comp. Zool. 94: 358, 1944.

179785. Adult male. Lafau, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 23, 1903. Collected by William L. Abbott.

Alcedo meninting callima Oberholser

Smithsonian Misc. Coll. 60 (7) : 7, October 26, 1912.

=*Alcedo meninting meninting* Horsfield. See Ripley, Bull. Mus. Comp. Zool. 94: 358–359, 1944.

179782. Adult male. Pulau Tana Bala, Barussan Islands, eastern Indian Ocean off Sumatra. February 8, 1903. Collected by William L. Abbott.

Alcedo meninting proxima Richmond

Proc. Biol. Soc. Washington 25: 104, June 15, 1912.

=*Alcedo meninting meninting* Horsfield. See Ripley, Bull. Mus. Comp. Zool. 94: 358–359, 1944.

179777. Adult (sex not indicated). North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. January 4, 1903. Collected by William L. Abbott.

Genus CEYX Lacépède

Ceyx enopopygius Oberholser

Smithsonian Misc. Coll. 60 (7) : 7, October 26, 1912.

=*Ceyx erithacus erithacus* (Linnaeus). See Ripley, Zoologica, New York 27: 56, 1942.

181101. Immature female. Aru Bay, eastern coast of Sumatra at about lat. 4°10′ N., long. 98°10′ E. December 5, 1905. Collected by William L. Abbott.

Ceyx tridactylus macrocarus Oberholser

U.S. Nat. Mus. Bull. 98: 24, June 30, 1917.

=*Ceyx erithacus macrocarus* Oberholser. See Ripley, Zoologica, New York 27: 56, 1942.

178555. Adult male. Great Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. March 14, 1901. Collected by William L. Abbott.

Genus PELARGOPSIS Gloger

Ramphalcyon capensis hydrophila Oberholser

Proc. U.S. Nat. Mus. 35: 661 (in key), 677, February 9, 1909.

=*Pelargopsis capensis malaccensis* Bowdler Sharpe. See Peters, Checklist of birds of the world 5: 187, 1945.

170447. Adult male. Selitar (9 miles from Singapore Town), Singapore Island, Malaya. May 27, 1899. Collected by William L. Abbott.

Ramphalcyon capensis cyanopteryx Oberholser

Proc. U.S. Nat. Mus. 35: 661 (in key), 676, February 9, 1909.

=*Pelargopsis capensis cyanopteryx* (Oberholser). See Peters, Checklist of birds of the world 5: 187, 1945.

179210. Adult male. Tapanuli Bay, western coast of Sumatra at about lat. 1°39′ N., long. 98°45′ E. March 22, 1902. Collected by William L. Abbott.

Ramphalcyon capensis arignota Oberholser

Proc. Biol. Soc. Washington 37: 136, December 29, 1924.

=*Pelargopsis capensis cyanopteryx* (Oberholser). See Peters, Checklist of birds of the world 5: 187, 1945.

178994. Adult male. Indragiri River (entering the South China Sea through a delta lying due west of the Lingga Archipelago), southeastern Sumatra. September 23, 1901. Collected by William L. Abbott.

Pelargopsis simalurensis Richmond

Proc. U.S. Nat. Mus. 26: 498, February 4, 1903.

=*Pelargopsis capensis simalurensis* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 357, 1944; Peters, Checklist of birds of the world 5: 187, 1945.

179205. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 29, 1901. Collected by William L. Abbott.

Pelargopsis sodalis Richmond

Proc. U.S. Nat. Mus. 26: 499, February 4, 1903.

=*Pelargopsis capensis sodalis* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 357, 1944; Peters, Checklist of birds of the world 5: 187, 1944.

179208. Adult female. Pulau Tuangku, Barussan Islands, eastern Indian Ocean off Sumatra. January 25, 1902. Collected by William L. Abbott.

Ramphalcyon capensis nesoeca Oberholser

Proc. U.S. Nat. Mus. 35: 661 (in key), 674, February 9, 1909.

=*Pelargopsis capensis sodalis* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 357, 1944; Peters, Checklist of birds of the world 5: 187, 1945.

180865. Adult male. Mojeia River, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 15, 1905. Collected by William L. Abbott.

Ramphalcyon capensis isoptera Oberholser

Proc. U.S. Nat. Mus. 35: 661 (in key), 671, February 9, 1909.

=*Pelargopsis capensis sodalis* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 357–358, 1944; Peters, Checklist of birds of the world 5: 187, 1945.

179750. Adult male. Sikakap Strait, between North and South Pagi Islands, Barussan Islands, eastern Indian Ocean off Sumatra. December 30, 1902. Collected by William L. Abbott.

Ramphalcyon capensis smithi Mearns

Proc. U.S. Nat. Mus. 36: 466, May 27, 1909.

=*Pelargopsis capensis smithi* (Mearns). See Peters, Checklist of birds of the world 5: 188, 1945.

211363. Adult male. Dumúrug Point, Masbate Island, Philippine Islands. April 18, 1908. Collected by Paul Bartsch. Received from the U.S. Fish Commission.

Genus HALCYON Swainson

Entomothera coromanda neophora Oberholser

Proc. U.S. Nat. Mus. 48: 646, May 18, 1915.

=*Halcyon coromanda minor* (Temminck and Schlegel). See Ripley, Bull. Mus. Comp. Zool. 94: 360, 1944.

179191. Adult male. Tapanuli Bay, western coast of Sumatra at about lat. 1°39′ N., long. 98°45′ E. February 19, 1902. Collected by William L. Abbott.

Entomothera coromanda pagana Oberholser

Proc. U.S. Nat. Mus. 48: 648, May 18, 1915.

=*Halcyon coromanda minor* (Temminck and Schlegel). See Ripley, Bull. Mus. Comp. Zool. 94: 360, 1944.

179762. Adult male. North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. January 4, 1903. Collected by William L. Abbott.

Entomothera coromanda ochrothorectis Oberholser

Proc. U.S. Nat. Mus. 48: 652, May 18, 1915.

=*Halcyon coromanda ochrothorectis* (Oberholser). See Peters, Checklist of birds of the world 5: 195, 1945.

233081. Adult male. Palánog, Masbate Island, Philippine Islands. November 6, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minnesota Academy of Natural Sciences (where it was No. 820 of the Menage Collection).

Halcyon senegalensis cinereicapillus Mearns

Proc. U.S. Nat. Mus. 48: 391, January 19, 1915.

=*Halcyon senegalensis senegalensis* (Linnaeus). See Peters, Checklist of birds of the world 5: 198, 1945.

216577. Adult male. Kisingo (on the Kampala-Hoima road, between Katwe and Kigoma), Mengo (or Mubende) District, Uganda Protectorate. December 29, 1909. Collected by Edgar A. Mearns. Original number 17859. Smithsonian African Expedition.

Halcyon malimbicus prenticei Mearns

Proc. U.S. Nat. Mus. 48: 392, January 19, 1915.

=*Halcyon malimbica prenticei* Mearns. See Peters, Checklist of birds of the world 5: 199, 1945.

217407. Adult (sex not indicated). Sese Islands, northwestern Lake Victoria, Uganda Protectorate. Not later than 1909–1910. Collected by Father Prentice (of the French Mission, Uganda). Received from Edgar A. Mearns.

Dacelo albifrons "Peale MSS." Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 162, "pl. XLIII," 1848.

=*Halcyon sancta vagans* (Lesson). See Bangs, Bull. Mus. Comp. Zool. 70: 208, 1930; Peters, Checklist of birds of the world 5: 205, 1945.

14555. Immature female. Bay of Islands, North Island, New Zealand. March 1840. Original number 482. U.S. Exploring Expedition (1838–1842).

14573. Subadult male. Same data as 14555.

Cassin's MS. list shows that he saw three examples of this bird, and there are three entries in the museum register. No. 14591 is now No. 75704 in the collection of the Museum of Comparative Zoology.

Sauropatis chloris cyanescens Oberholser

Proc. U.S. Nat. Mus. 52: 189, February 8, 1917.

Halcyon chloris laubmanniana Grote

Anzeiger der ornithologischen Gesellschaft in Bayern 2 (6): 266, March 20, 1933.

=*Halcyon chloris laubmanniana* Grote. See Peters, Checklist of birds of the world 5: 208, 1945.

170835. Adult male. Pulau Taya=Pulau Saya (lat. 0°47′ S., long. 104°56′ E.), South China Sea. July 28, 1899. Collected by William L. Abbott.

Halcyon chloris laubmanniana Grote is a new name for *Sauropatis chloris cyanescens* Oberholser, 1917, not *H. cyanescens* Cabanis and Reichenow, 1877, and is based upon the same type specimen.

Sauropatis chloris chloroptera Oberholser

Proc. U.S. Nat. Mus. 55: 379, May 2, 1919.

=*Halcyon chloris laubmanniana* Grote. See Ripley, Bull. Mus. Comp. Zool. 94: 360–361, 1944.

179771. Adult male. Sibabo Bay, Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. October 23, 1902. Collected by William L. Abbott.

Sauropatis chloris amphiryta Oberholser

Proc. U.S. Nat. Mus. 55: 382, May 2, 1919.

=*Halcyon chloris laubmanniana* Grote. See Ripley, Bull. Mus. Comp. Zool. 94: 360, 361, 1944.

179765. Adult male. Lafau, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 21, 1903. Collected by William L. Abbott.

Sauropatis chloris azela Oberholser

Proc. U.S. Nat. Mus. 55: 377, May 2, 1919.

=*Halcyon chloris azela* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 361, 1944.

180686. Adult male. Enggano Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 19, 1904. Collected by William L. Abbott.

Sauropatis chloris palmeri Oberholser

Proc. U.S. Nat. Mus. 55: 369, May 2, 1919.

=*Halcyon chloris palmeri* (Oberholser). See Peters, Checklist of birds of the world 5: 208, 1945.

218416. Adult male. Gunong Bunder (at elev. 2,400 feet), Mount Salak, Buitenzorg Province, western Java. May 17, 1909. Collected by William Palmer. Original number 599.

Sauropatis chloris hyperpontia Oberholser

Proc. U.S. Nat. Mus. 55: 386, May 2, 1919.

=*Halcyon chloris sordida* Gould. See Mayr, Amer. Mus. Nov. 469: 4, 6, 1931.

102000. Subadult (sex not indicated). "Havannah Harbour, Vaté." Entered into the museum register on January 30, 1885, but possibly collected much earlier. Received from Henry Seebohm.

The oldest label is Tristram's, with his name scratched out, but while the bird may have passed through his hands, it was probably never part of his collection. Mayr (*op. cit.*) has shown that the locality on the label is erroneous, and this is confirmed by the statement in an unidentified hand on the back of the label that it is "*H. sordida* Gould fide Ramsay."

Halcyon chloris bennetti Ripley

Journ. Washington Acad. Sci. 37 (3): 97, March 15, 1947.

377009. Adult male. Nissan (Sir Charles Hardy) Island, Bismarck Archipelago, Oceania. August 22, 1944. Collected by Logan J. Bennett.

Dacelo vitiensis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 156, "pl. XLIV," 1848.

=*Halcyon chloris vitiensis* (Peale). See Peters, Checklist of birds of the world 5: 212, 1945.

14612=14602? Subadult (sex not indicated). "Tongataboo?"=Fiji Islands? Original number 483. U.S. Exploring Expedition (1838–1842).

Cassin (U.S. Exploring Expedition 8: 209, 1858) stated that he had "seven specimens belonging to the collection made by the Expedition, and collected in the Feejee and Tonga Islands." Since *vitiensis* is now restricted to certain of the Fijis, while *sacra* is the race of the Tongas, it is important to know how many of the seven were actually Fijian birds.

The museum register has seven entries for this form, of which three (Nos. 14575, 14601, and 14603) are said to come from the Fijis, and two (Nos. 14570 and 14612) from "Tongataboo?," while two (Nos. 14599 and 14602) are without indication of provenience.

No. 14601 was sent to the Chicago Academy of Sciences in 1864, and No. 14599 was sent to the same place in 1870; both were destroyed by the Great Fire. A specimen in the Academy of Natural Sciences of Philadelphia (where it is No. 21430) is asserted by Stone definitely to have come from Tongatabu, and therefore cannot be a type of *vitiensis* at all.

In the U.S. National Museum there remain three specimens of interest in this connection. No. 14570, an adult male from "Tongataboo?," and No. 14575, an unsexed adult from "Viti," both agree better with modern examples of *sacra* than with similar ones of *vitiensis,* and therefore must be removed from consideration.

No. "14612," despite the fact that it is labeled as from "Tongataboo?," seems to represent true *vitiensis.* Richmond long ago in MS. suggested that the wrong number had been transcribed on the bottom of the stand at mounting, or that, at dismounting, the bird had acquired the wrong label. This surmise is strengthened by the probability that the one specimen labeled as from "Viti" came instead from the Tongas.

Sauropatis sacra rabulata Wetmore

in Townsend and Wetmore, Bull. Mus. Comp. Zool. 63: 197, August 1919.

=*Halcyon chloris sacra* (Gmelin). See Mayr, Amer. Mus. Nov. 1152:1, 1941.

212343. Adult male. Eua Island (lat. 21°20′30″ S., long. 175°02′ W.), Tonga Islands, Oceania. November 28, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Sauropatis sacra celada Wetmore

in Townsend and Wetmore, Bull. Mus. Comp. Zool. 63: 198, August 1919.

=*Halcyon chloris sacra* (Gmelin). See Mayr, Amer. Mus. Nov. 1152: 1, 1941.

212347. Adult male. Vavau Island (lat. 18°38′20″ S., long. 174°01′ W.), Tonga Islands, Oceania. December 4, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Dacelo coronata Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 160, "pl. XLVI," 1848.

Halcyon Pealei Finsch and Hartlaub

Beitrag zur Fauna Centralpolynesiens, p. 38, 1867.

=*Halcyon chloris pealei* Finsch and Hartlaub. See Bowdler Sharpe, Catalogue of the birds in the British Museum 17: 266, 1892; Peters, Checklist of birds of the world 5: 213, 1945.

14566. Adult (sex not indicated). Tutuila Island, Samoan Islands, Oceania. "March 14," 18—. Original number 484. U.S. Exploring Expedition (1838–1842).

14571. Adult (sex not indicated). Same data as No. 14566.

14604. Adult male. Same data as No. 14566.

I have found six entries for this form in the museum register, but there should be at least one other. No. 14554 was sent to the Chicago Academy of Sciences in 1864 and was later destroyed in the Great Fire. Nos. 14569 and 14600 cannot now be found, but must be among the 3 specimens now preserved in the Museum of Comparative Zoology (where they are Nos. 75710 and 75711) and the Academy of Natural Sciences of Philadelphia (where No. 21429).

The traditional collection date of these birds is probably wrong, for I find no evidence that any ship of the expedition fleet was at Tutuila on March 14 of any year.

Halcyon Pealei Finsch and Hartlaub is a new name for *Dacelo coronata* Peale, not *H. coronata* S. Müller, 1843. By implication it has the same types as Peale's name, although, since the form is fully described (and not from one of Peale's original specimens), the authors' own bird should perhaps more properly be considered the type.

Dacelo minima Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 159, "pl. XLV," 1848.

=*Halcyon recurvirostris* (Lafresnaye). See Bangs, Bull. Mus. Comp. Zool. 70: 208, 1930; Peters, Checklist of birds of the world 5: 214, 1945.

14551. Adult female. Upolu Island, Samoan Islands, Oceania. Original number 485. U.S. Exploring Expedition (1838–1842).

14560. Adult female. Same data as No. 14551.

There are four entries for this species in the museum register. Nos. 14553 and 14559, both males, are now missing, but must represent the cotypes now in the Academy of Natural Sciences of Philadelphia (where No. 21448) and in the Museum of Comparative Zoology (where No. 75712).

Dacelo nullitorques Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 155, "pl. XLII," 1848.

=*Halcyon venerata venerata* (Gmelin). See Bowdler Sharpe, Catalogue of the birds in the British Museum 17: 288, 289, 1892; Peters, Checklist of birds of the world 5: 214, 1945.

14589. Adult male. Tahiti Island, Society Islands, Oceania. Original number 481. U.S. Exploring Expedition (1838–1842).

Cassin (U.S. Exploring Expedition 8: 218, 1858) stated that he had 9 examples of this species, of which no less than 4 belonged to the collection of the Exploring Expedition; his MS. list, however, indicates that the Expedition got but one.

Halcyon concreta peristephes Deignan

Journ. Washington Acad. Sci. 36 (12): 428, December 31, 1946.

330226. Adult male. Khao Luang (lat. 11°40′ N., long. 99°35′ E.), a mountain southwest of Prachuap Khiri Khan (Ko Lak), southwestern Siam. October 6, 1930. Collected by Hugh McC. Smith. Original number 4235.

Family MOMOTIDAE: Motmots

Genus HYLOMANES Lichtenstein

Hylomanes momotula obscurus Nelson

Smithsonian Misc. Coll. 56 (22): 1, September 7, 1911.

229477. Adult female. Cerro Bruja (not Brujo), Panamá Canal Zone (not Panamá). June 7, 1911. Collected by Edward A. Goldman. Original number 15049. Received from the U.S. Fish and Wildlife Service.

Genus ELECTRON Gistel

Electron platyrhynchus suboles Nelson

Smithsonian Misc. Coll. 60 (3): 5, September 27, 1912.

=*Electron platyrhynchum minus* (Hartert). See Peters, Checklist of birds of the world 5: 222, 1945.

232536. Adult male. Santa Cruz de Cana (at elev. 2,000 feet), Department of Darién, Panamá. March 9, 1912. Collected by Edward A. Goldman. Original number 15336. Received from the U.S. Fish and Wildlife Service.

Electron platyrhynchum orienticola Oberholser

Proc. Indiana Acad. Sci., for 1919, p. 342, 1920.

177039. Adult female. Hyutanaham, at the head of navigation on the Rio Purús, State of Amazonas, Brazil. March 16, 1901. Collected by Joseph B. Steere.

Genus EUMOMOTA Sclater

Eumomota superciliaris bipartitus Ridgway

Proc. Biol. Soc. Washington 25: 90, May 4, 1912.

=*Eumomota superciliosa bipartita* Ridgway. See Peters, Checklist of birds of the world 5: 223, 1945.

145282. Adult male. Cacoprieto, State of Oaxaca, México. February 1880. Collected by Adrien L. F. Sumichrast. Original number 42. Received from Adolph Boucard.

Genus MOMOTUS Brisson

Momotus mexicanus saturatus Nelson

Auk 14 (1): 49, January 1897.

155151. Adult male. Ciudad Tehuantepec, State of Oaxaca, México. April 29, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2618. Received from the U.S. Fish and Wildlife Service.

Momotus lessoni goldmani Nelson

Auk 17 (3): 256, July 1900.

=*Momotus momota lessonii* Lesson. See Van Tyne, Misc. Publ. Mus. Zool. Univ. Michigan 27: 19, 1935.

155138. Adult male. Motzorongo, State of Veracruz, México. March 5, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 1805. Received from the U.S. Fish and Wildlife Service.

Momotus lessonii exiguus Ridgway

Proc. Biol. Soc. Washington 25: 89, May 4, 1912.

=*Momotus momota exiguus* Ridgway. See Peters, Checklist of birds of the world 5: 226, 1945.

106311. Adult male. Temax, State of Yucatán, México. January 1885. Collected by George F. Gaumer. Original number 118.

Momotus conexus reconditus Nelson

Smithsonian Misc. Coll. 60 (3): 4, September 27, 1912.

=*Momotus momota reconditus* Nelson. See Peters, Checklist of birds of the world 5: 226, 1945.

238084. Adult (sex not indicated). Marraganti, Department of Darién, Panamá. April 5, 1912. Collected by Edward A. Goldman. Original number 15943. Received from the U.S. Fish and Wildlife Service.

Momotus momota spatha Wetmore

Smithsonian Misc. Coll. 106 (16): 1, December 30, 1946.

368925. Adult male. Nazaret, Commissary of La Guajira, Colombia. May 2, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11752.

Family MEROPIDAE: Bee-eaters

Genus MELITTOPHAGUS Boie

Melittophagus variegatus loringi Mearns

Proc. U.S. Nat. Mus. 48: 393, January 19, 1915.

216565. Adult male. Butiaba (on the shore of Lake Albert), Bunyoro District, Uganda Protectorate. January 6, 1910. Collected by John A. Loring. Original number 674. Smithsonian African Expedition.

Genus MEROPS Linnaeus

Merops superciliosus donaldsoni Oberholser

Proc. U.S. Nat. Mus. 27: 737, May 21, 1904.

=*Merops superciliosus superciliosus* Linnaeus. See Peters, Checklist of birds of the world 5: 235, 1945.

177908. Adult male. Bar Madu, headwaters of the Ganana (Ganale) River, Gallaland, south-central Ethiopia (not Somaliland as now understood). February 19, 1895. Collected by A. Donaldson Smith. Original number 512.

Family CORACIIDAE: Rollers

Genus EURYSTOMUS Vieillot

Eurystomus orientalis abundus Ripley

Proc. Biol. Soc. Washington 55: 170, December 31, 1942.

276483. Adult male. Nanking, Kiangsu Province, China. May 20, 1893. Collected by Arthur de C. Sowerby. Original number 1948.

Eurystomus orientalis deignani Ripley

Proc. Biol. Soc. Washington 55: 171, December 31, 1942.

350027. Adult male. The right bank of the river Mae Nan, just north of Ban Muang Ngop (lat. 19°30′ N., long. 100°55′ E.), Nan Province, northern Siam. April 22, 1936. Collected by Herbert G. Deignan. Original number 1212.

Family BUCEROTIDAE: Hornbills

Genus RHYTICEROS Reichenbach

Cranorrhinus corrugatus megistus Oberholser

Smithsonian Misc. Coll. 60 (7): 6, October 26, 1912.

=*Rhyticeros leucocephalus megistus* (Oberholser), *fide* Deignan (MS.).

179797. Adult male. Pulau Tana Bala, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. February 11, 1903. Collected by William L. Abbott.

Rhyticeros undulatus ticehursti Deignan

Auk 58 (3) : 397, July 9, 1941.

336836. Adult male. Huai Oi (14 km. northeast of Ban Sop Li, which lies at the confluence of the rivers Mae Li and Mae Nan), Nan Province, northern Siam. April 4, 1937. Collected by Herbert G. Deignan. Original number 2500.

Genus ANTHRACOCEROS Reichenbach

Hydrocissa convexa barussensis Oberholser

Journ. Washington Acad. Sci. 14 (13) : 300, July 19, 1924.

=*Anthracoceros convexus* (Temminck), *fide* Deignan (MS.).

179786. Adult (sex not indicated). Pulau Tana Bala, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. February 11, 1903. Collected by William L. Abbott.

Hydrocissa convexa zamelaena Oberholser

U.S. Nat. Mus. Bull. 159: 38, 1932.

=*Anthracoceros convexus* (Temminck), *fide* Deignan (MS.).

174704. Adult male. Pulau Lingung, northern Natuna Islands, South China Sea. June 14, 1900. Collected by William L. Abbott.

Anthracoceros Marchei Oustalet

Le Naturaliste 7 (14) : 108, July 15, 1885.

=*Anthracoceros marchei* Oustalet. See Peters, Checklist of birds of the world 5: 267, 1945.

118618. Adult male. Puerto Princesa, Paláwan Island, Philippine Islands. January 1884. Collected by Alfred Marche. Original number 2080. Received from the Muséum National d'Histoire Naturelle, Paris.

Oustalet established this form upon "several" specimens from Paláwan, three from Busuanga, and two from Balábac. The remaining cotypes are presumably still preserved in the museum at Paris.

Genus BUCEROS Linnaeus

Buceros obscurus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 125, "pl. XXXIII," 1848.

=*Buceros hydrocorax mindanensis* Tweeddale, *fide* Deignan (MS.).

15273. Adult female. Near Zamboanga, Zamboanga Province, Mindanao (not Mindoro) Island, Philippine Islands. Original number 302. U.S. Exploring Expedition (1838–1842).

This name has been wholly overlooked in the literature at hand. The bird of Mindanao is a perfectly distinct form, but Peale's designation is preoccupied by [*Buceros*] *obscurus* Gmelin, 1788.

Order PICIFORMES: Jacamars, Barbets, Toucans, Woodpeckers

Family BUCCONIDAE: Puff-birds

Genus HYPNELUS Cabanis and Heine

Hypnelus bicinctus stoicus Wetmore

Smithsonian Misc. Coll. 98 (4) : 1, March 10, 1939.

151670. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 3, 1895. Collected by Wirt Robinson. Original number 404.

Genus MALACOPTILA G. R. Gray

Malacoptila fuliginosa Richmond, *ex* Ridgway MS.

Proc. U.S. Nat. Mus. 16: 512, October 4, 1893.

=*Malacoptila panamensis fuliginosa* Richmond, *fide* Wetmore (MS.).

127339. Adult female. Forest behind the International Planting Company ("I.P.") Plantation (on the Río Escondido, 50 miles from Bluefields), Department of Zelaya, Nicaragua. September 23, 1892. Collected by Charles W. Richmond. Original number 4392.

The type, a melanistic specimen, is definitely aberrant.

Genus NONNULA Sclater

Nonnula frontalis stulta Wetmore

Smithsonian Misc. Coll. 122 (8) : 3, December 17, 1953.

445077. Adult male. El Uracillo, Province of Coclé, Panamá. February 23, 1952. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 16946.

Genus MONASA Vieillot

Monasa fidelis Nelson

Smithsonian Misc. Coll. 56 (37) : 1, February 16, 1912.

=*Monasa morphoeus fidelis* Nelson. See Griscom, Bull. Mus. Comp. Zool. 78: 328, 1935.

207666. Adult male. Southern slope of Cerro Azul (at elev. 800 feet), about 15 miles NW. of Chepo, Department of Panamá, Panamá. March 21, 1911. Collected by Edward A. Goldman. Original number 14127. Received from the U.S. Fish and Wildlife Service.

Monasa similis Nelson

Smithsonian Misc. Coll. 56 (37) : 1, February 16, 1912.

=*Monasa morphoeus fidelis* Nelson. See Griscom, Bull. Mus. Comp. Zool. 78: 328, 1935.

207665. Adult female. Cerro Azul (at elev. 800 feet), about 15 miles NW. of Chepo, Department of Panamá, Panamá. March 24, 1911.

Collected by Edward A. Goldman. Original number 14180. Received from the U.S. Fish and Wildlife Service.

Monasa pallescens Cassin

Proc. Acad. Nat. Sci. Philadelphia, p. 134 (not earlier than April 24), 1860.

=*Monasa morphoeus pallescens* Cassin. See Griscom, Bull. Mus. Comp. Zool. 78: 329, 1935.

21757. Adult (sex not indicated). Falls of the Río Truandó, at the Cordillera de Baudó, Intendency of Chocó, Colombia. January 1858. Collected by Charles J. Wood and William S. Wood, Jr. Original number "157." U.S. Survey of the Río Altrato.

21758. Adult female. Original number "167." Other data same as for No. 21757.

21759. Adult (sex not indicated). Original number "167." Other data same as for No. 21757.

"Stated by Messrs. W. S. and C. J. Wood, to have been seen once only in the Cordilleras on the river Truando, in January 1858. A party of eight or ten specimens was observed . . ., and . . . several were obtained" (see Cassin, *op. cit.*, p. 135).

In addition to the three examples here listed, two cotypes, a male and a female, are in the Academy of Natural Sciences of Philadelphia, where they are Nos. 20829 and 20830.

Monasa pallescens minor Nelson

Proc. Biol. Soc. Washington 26: 67, March 22, 1913.

=*Monasa morphoeus pallescens* Cassin. See Griscom, Bull. Mus. Comp. Zool. 78: 329, 1935.

232915. Adult male. Marraganti, Province of Darién, Panamá. April 5, 1912. Collected by Edward A. Goldman. Original number 15930. Received from the U.S. Fish and Wildlife Service.

Monasa sclateri Ridgway

Proc. Biol. Soc. Washington 25: 89, May 4, 1912.

=*Monasa morphoeus sclateri* Ridgway. See Peters, Checklist of birds of the world 6: 22, 1948.

64076. Adult (sex not indicated). "Bogotá," Colombia. Entered into the museum register on August 18, 1873. Received from Stephen A. Hurlbut and George H. Hurlbut.

Monasa rikeri Ridgway

Proc. Biol. Soc. Washington 25: 88, May 4, 1912.

=*Monasa morphoeus morphoeus* (Hahn and Küster). See Griscom and Greenway, Bull. Mus. Comp. Zool. 88: 192, 1941.

121033. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. June 30, 1887. Collected by Clarence B. Riker. Original number 114.

Family CAPITONIDAE: Barbets

Genus CAPITO Vieillot

Capito maculicoronatus pirrensis Nelson

Smithsonian Misc. Coll. 60 (21) : 1, February 26, 1913.

238116. Adult male. Santa Cruz de Cana (elev. 1,800 feet), at the base of Mount Pirri, Department of Darién, Panamá. April 11, 1912. Collected by Edward A. Goldman. Original number 15468. Received from the U.S. Fish and Wildlife Service.

Capito auratus transilens Friedmann

Proc. Biol. Soc. Washington 58: 113, July 18, 1945.

=*Capito niger transilens* Friedmann. See Peters, Checklist of birds of the world 6: 26, 1948.

326032. Adult male. Santa Isabel (on the Rio Negro), State of Amazonas, Brazil. October 16, 1930. Collected by Ernest G. Holt, Robert E. R. Blake, and Charles T. Agostini. Original number 3848. National Geographic Society Brazil-Venezuela Expedition.

Genus EUBUCCO Bonaparte

C[apito]. glaucogularis von Tschudi

Archiv für Naturgeschichte 10 (1) : 301, 1844.

=*Eubucco versicolor glaucogularis* (von Tschudi). See Peters, Checklist of birds of the world 6: 29, 1948.

41920. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

This form was based upon an unknown number of specimens. That there were more than one is shown by the facts that von Tschudi's colored plate was evidently taken from an example other than ours (see Friedmann and Deignan, Zoologica 27: 51, 1942) and that Sclater (Ibis, p. 190, 1861) examined at least one of von Tschudi's birds then deposited in the collection of the Bremen Museum.

Genus SEMNORNIS Richmond

Tetragonops frantzii Sclater, *ex* Baird MS.

Ibis (1) 6: 371, pl. 10, July–October 1864.

=*Semnornis frantzii* (Sclater). See Peters, Checklist of birds of the world 6: 30, 1948.

33450. Adult (sex not indicated). San Carlos (*fide* museum register) ="Commandancia de San Carlos, or the Government Station on that river [San Carlos] at the point where the Rio Arenal enters from the west" (see Carriker, Ann. Carnegie Mus. 6: 351, 1910), Province of Alajuela, Costa Rica. Entered into the museum register on March 24, 1864. Collected by Alexander von Frantzius. Original number 83.

Sclater (*loc. cit.*) gave the provenience of this bird as "in the mountains of Costa Rica," and again as "in int. reipubl. Costa Rica."

Von Frantzius sent two specimens, of which No. 33449 cannot now be found. Each was entered into the register as from San Carlos, but the printed label of No. 33450 reads "Costa Rica (San Jose)," as probably did that of No. 33449, and as certainly do those of all other skins received from von Frantzius at the same time. The only published record for the occurrence of the species at San José (Lawrence, Ann. Lyc. Nat. Hist. New York 9: 130, 1868) is derived from this label.

San Carlos seems to be a more likely locality for the specimen, but it must be noted that all other material from San Carlos received at the same time was collected, not by von Frantzius, but by Julián Carmiol. This would imply that one of von Frantzius's labels had been attached in the museum to one of Carmiol's birds, although the possibility is somewhat negated by von Frantzius's failure to disclaim credit for the discovery of the original specimen (Ibis, p. 551, 1865).

Genus MEGALAIMA G. R. Gray

Megalaima virens mayri Ripley

Proc. Biol. Soc. Washington 61: 100, June 16, 1948.

390200. Adult male. Dreyi (Tidding Saddle at elev. 6,000 feet), Mishmi Hills, Sadiya Frontier Tract, Assam Province, India. January 6, 1947. Collected by Edward C. Migdalski. Original number 321. Smithsonian Institution-Yale University Expedition.

Megalaima zeylanica rana Ripley

Proc. Biol. Soc. Washington 63: 101, May 25, 1950.

408263. Adult male. Bajora, Dailekh District, western Nepal. January 2, 1949. Collected by S. Dillon Ripley. Original number 409. National Geographic Society-Yale University-Smithsonian Institution Expedition to Nepal.

Chotorea mystacophanes ampala Oberholser

Smithsonian Misc. Coll. 60 (7) : 6, October 26, 1912.

=*Megalaima mystacophanos ampala* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 366, 1944; Peters, Checklist of birds of the world 6: 35, 1948.

179699. Adult male. Pulau Tana Bala, Barussan Islands, eastern Indian Ocean off Sumatra. February 11, 1903. Collected by William L. Abbott.

Cyanops franklini trangensis Riley

Proc. Biol. Soc. Washington 47: 116, June 13, 1934.

=*Megalaima franklinii trangensis* (Riley). See Peters, Checklist of birds of the world 6: 35, 1948.

160236. Adult female. Summit of Khao Nam Pliu (elev. 3,000 feet), a hill (at lat. 7°35′ N., long. 99°50′ E.) in the range dividing Trang and Phatthalung Provinces, peninsular Thailand. February 22, 1897. Collected by William L. Abbott.

Megalaima incognita elbeli Deignan

Proc. Biol. Soc. Washington 69(36): 207, December 31, 1956.

452629. Adult female. Ban Muang Khai (lat. 17°30′ N., long. 101°20′ E.), Loei Province, Thailand. January 7, 1955. Collected by Robert E. Elbel. Original number RE 4399. U.S. Operations Mission to Thailand.

Cyanops incognita euroa Deignan

Journ. Washington Acad. Sci. 29(4): 177, April 15, 1939.

=*Megalaima incognita euroa* (Deignan). See Peters, Checklist of birds of the world 6: 37, 1948.

337073. Adult male. Khao Sa Bap (lat. 12°35′ N., long. 102°15′ E.), Chanthaburi Province, southeastern Siam. April 28, 1937. Collected by Herbert G. Deignan. Original number 2597.

Bucco rubritorquis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 133, "pl. XXXVI, fig. 2," 1848.

=*Megalaima armillaris henricii* (Temminck). See Riley, U.S. Nat. Mus. Bull. 172: 206, 1938; Ripley, Auk 62: 552, 555, 1945.

14191. Adult (sex not indicated). Singapore Island, Malaya. Original number 374. U.S. Exploring Expedition (1838–1842).

14194. Adult (sex not indicated). Same data as No. 14191.

Peale mentioned that he had five specimens of this form, which "do not vary in plumage," but there are seven entries for the species in the museum register, and Cassin's MS. list indicates that he saw seven.

Nos. 14195 and 14197 were sent to the Chicago Academy of Sciences in 1870, while No. 14200 was sent to the same place on January 28, 1881; the first two must have been destroyed in the Great Fire, Nos. 14192 and 14198 are unaccounted for in our records, but must represent the two cotypes now in the Museum of Comparative Zoology, where they are Nos. 75768 and 75769.

It is very probable that the birds of the Asiatic mainland must be separated from those of Sumatra (*henricii*). The apparent differences have been pointed out by Riley (*loc. cit.*), who has erred, however, in stating that Peal's name would be available for them, since Hartlaub's *malaccensis* antedates it by six years.

Cyanops australis invisa Deignan

Auk 58 (3): 398, July 9, 1941.

=*Megalaima australis cyanotis* (Blyth). See Peters, Checklist of birds of the world 6: 38, 1948.

336982. Adult male. Pang Makham Phong, a campsite near the head of the river Mae Fang and beneath the limestone hill Doi Pha Sakaeng (at about lat. 19°35′ N., long. 99°06′ E.), Chiang Mai (or Chiang Rai) Province, northwestern Siam. December 29, 1936. Collected by Herbert G. Deignan. Original number 2141.

Mezobucco duvaucelii gigantorhinus Oberholser

Smithsonian Misc. Coll. 60(7) : 6, October 26, 1912.

=*Megalaima australis giganthorhina* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 366, 1944, and Auk 62: 552, 555, 1945.

179703. Adult male. Lafau, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 26, 1903. Collected by William L. Abbott.

Genus POGONIULUS Lafresnaye

Pogoniulus bilineatus alius Friedmann

Auk 47(1) : 86, January 2, 1930.

214943. Adult male. Nairobi, Nairobi District, Kenya Colony. August 25, 1909. Collected by Edgar A. Mearns. Original number 16609. Smithsonian African Expedition.

Genus LYBIUS Hermann

Melanobucco abbotti Richmond

Auk 14(2) : 164, April 1897.

=*Lybius leuccocephalus albicauda* (Shelley). See Friedmann, U.S. Nat. Mus. Bull. 153 (1) : 438, 1930; Peters, Checklist of birds of the world 6: 58, 1948.

117957. Adult female. Plains near Taveta, Teita District, Kenya Colony. July 22, 1888. Collected by William L. Abbott.

Family INDICATORIDAE: Honey-guides

Genus INDICATOR Vieillot

Melignothes exilis meliphilus Oberholser

Proc. U.S. Nat. Mus. 28: 869, July 8, 1905.

=*Indicator exilis meliphilus* (Oberholser). See Sclater, *in* Jackson, Birds of Kenya Colony and the Uganda Protectorate 2: 737, 1938.

117965. Adult male. Taveta, Teita District, Kenya Colony. August 15, 1888. Collected by William L. Abbott.

Family RAMPHASTIDAE: Toucans

Genus AULACORHYNCHUS Gould

Aulacorhynchus prasinus virescens Ridgway

Proc. Biol. Soc. Washington 25: 83, May 4, 1912.

120263. Immature (not adult) female. Chasnigua, Department of Cortés, Honduras. January 2, 1891. Collected by Erich Wittkügel. Original number 186.

Aulacorhamphus cæruleigularis cognatus Nelson

Smithsonian Misc. Coll. 60 (3) : 4, September 27, 1912.

=*Aulacorhynchus prasinus cognatus* (Nelson). See Peters, Checklist of birds of the world 6: 72, 1948.

232544. Adult male. Mount Pirri (at elev. 5,000 feet), near the head of the Río Limón, Province of Darién, Panamá. March 5, 1912. Collected by Edward A. Goldman. Original number 15292. Received from the U.S. Fish and Wildlife Service.

Aulacorhamphus dimidiatus Ridgway

Auk 3 (3): 333, July 1886.

=*Aulacorhynchus prasinus dimidiatus* (Ridgway). See Peters, Checklist of birds of the world 6: 73, 1948.

106052. Adult (sex not indicated). Locality unknown=Perú? Entered into the museum register on November 16, 1885. Transferred from the Department of State, which acquired it from one of the national exhibits (presumably that of Perú) at the World's Industrial and Cotton Centennial Exposition in New Orleans (1884–1885).

See Chapman, Bull. Amer. Mus. Nat. Hist. 33: 632–633, 1914, and my remarks under *Grammopsittaca lineola maculata* Ridgway (p. 125).

Genus PTEROGLOSSUS Illiger

Pteroglossus torquatus erythrozonus Ridgway

Proc. Biol. Soc. Washington 25: 88, May 4, 1912.

106310. Adult (sex not indicated). Temax, State of Yucatán, México. December 1884. Collected by George F. Gaumer. Original number 130.

Family PICIDAE: Woodpeckers, Piculets

Genus PICUMNUS Temminck

Picumnus flavotinctus Ridgway

Proc. U.S. Nat. Mus. 11: 543, September 20, 1889.

=*Picumnus olivaceus flavotinctus* Ridgway. See Carriker, Ann. Carnegie Mus. 6: 594, 1910.

116593. Adult male. Pozo Azul de Pirrís (a region of heavy forest on the Río Grande de Pirrís, about ten miles from the Pacific Ocean), Province of San José, Costa Rica. September 10 (not 6), 1886. Collected by José Castulo Zeledón. Original number 1797. Received from the Museo Nacional de Costa Rica.

Picumnus olivaceus panamensis Ridgway

Proc. Biol. Soc. Washington 24: 34, February 24, 1911.

=*Picumnus olivaceus flavotinctus* Ridgway. See Griscom, Bull. Mus. Comp. Zool. 78: 332, 1935.

53959. Adult male. Lion Hill Station, Panamá Railway (now represented by an islet in Gatún Lake), Panamá Canal Zone. Entered into the museum register on December 19, 1868. Collected by James McLeannan.

Picumnus exilis pernambucensis Zimmer

Proc. Biol. Soc. Washington 60: 99, August 22, 1947.

377212. Adult male. Recife, State of Pernambuco, Brazil. August 20, 1944. Collected by Donald W. Lamm.

Genus NESOCTITES Hargitt

Nesoctites abbotti Wetmore

Proc. Biol. Soc. Washington 41: 167, October 15, 1928.

=*Nesoctites micromegas abbotti* Wetmore. See Bond, Checklist of birds of the West Indies, p. 84, 1945.

251504. Adult male. Gonave Island, in the Bay of Gonäives, Haiti, Hispaniola Island, Caribbean Sea. February 24, 1918. Collected by William L. Abbott.

Genus SASIA Hodgson

Sasia ochracea hasbroucki Deignan

Journ. Washington Acad. Sci. 37 (1) : 25, January 31, 1947.

173000. Adult female. Maliwun, Mergui District, Tenasserim Division, Burma. March 22, 1900. Collected by William L. Abbott.

Genus COLAPTES Vigors

Colaptes mexicanus saturatior Ridgway

Proc. Biol. Soc. Washington 2: 90, April 10, 1884.

=*Colaptes cafer cafer* (Gmelin). See Peters, Checklist of birds of the world 6: 100, 1948.

40063. Adult male. Neah Bay, Clallam County, Washington. Entered into the museum register on November 18, 1865. Collected by J. G. Swan. At some time acquired through exchange by Robert Ridgway, in whose collection it was No. 2016, but returned to the U.S. National Museum with its original registry number.

13516. Adult female. Semiahmoo, Whatcom County, Washington. April 8, 1859. Collected by Caleb B. R. Kennerly. Original number 274. Northwest Boundary Survey.

Colaptes mexicanus rufipileus Ridgway

Bull. U.S. Geol. and Geogr. Surv. Terr. 2 (2) : 191, 1876.

=*Calaptes cafer rufipileus* Ridgway. See Ridgway, Birds of North and Middle America 6: 37, 1914.

70000. Adult female. Guadalupe Island (lat. 29°00′ N., long. 118°15′ W.), eastern Pacific Ocean off the State of Baja California, México. February 20, 1875. Collected by Edward Palmer. Original number 3.

70001. Adult female. Same data as No. 70000.

70002. Adult female. Same data as No. 70000. At some time acquired through exchange by Robert Ridgway, but returned to the U.S. National Museum with its original registry number.

Colaptes auratus borealis Ridgway

Proc. Biol. Soc. Washington 24: 31, February 24, 1911.

49922. Adult male. Nulato, Nulato District (on the Yukon River east of Norton Sound), Alaska. June 23, 1867. Collected by William H. Dall. Original number 1044. Western Union Company's Overland International Telegraph Expedition.

Colaptes chrysoides mearnsi Ridgway

Proc. Biol. Soc. Washington 24: 32, February 24, 1911.

132871. Adult male. Quitovaquito, Pima County, Arizona. February 2, 1894. Collected by Edgar A. Mearns and Francis X. Holzner. Original number 10252. Mexican-United States International Boundary Commission.

Genus PICULUS von Spix

Chloronerpes rubiginosus tobagensis Ridgway

Proc. Biol. Soc. Washington 24: 33, February 24, 1911.

=*Piculus rubiginosus tobagensis* (Ridgway). See Peters, Checklist of birds of the world 6: 112, 1948.

74968. Adult male. Tobago Island, Caribbean Sea. May 1878. Collected by Frederick A. Ober. Original number 173.

Chloronerpes chrysochlorus aurosus Nelson

Smithsonian Misc. Coll. 60 (3) : 3, September 27, 1912.

=*Piculus chrysochloros aurosus* (Nelson). See Peters, Checklist of birds of the world 6: 114, 1948.

232926. Adult male. Marraganti, Province of Darién, Panamá. April 3 (not 4), 1912. Collected by Edward A. Goldman. Original number unknown. Received from the U.S. Fish and Wildlife Service.

Genus CAMPETHERA G. R. Gray

Dendromus caroli arizelus Oberholser

Proc. U.S. Nat. Mus. 22: 29, October 9, 1899.

=*Campethera caroli arizela* (Oberholser). See Peters, Checklist of birds of the world 6: 121, 1948.

161763. Adult male. Mount Coffee ("one of the numerous low hills along the St. Paul River, about 25 miles from Monrovia"), Liberia. February 19, 1897. Collected by Rolla P. Currie. Original number 7.

Genus CELEUS Boie

Celeus loricatus diversus Ridgway

Birds of North and Middle America 6: 145, April 8 ,1914.

64872. Adult male. Sipurio, "Talamanca," Costa Rica or Panamá (contested territory). March 31, 1873. Collected by José Castulo Zeledón. Original number 150. Received from William M. Gabb. At some time acquired through exchange by Robert Ridgway, but returned to the U.S. National Museum with its original registry number.

64873. Adult male. "Costa Rica"=(probably) Sipurio, "Talamanca" (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). Entered into the museum register on November 5, 1873. Collected by José Castulo Zeledón. Original number 297. Received from William M. Gabb.

68003. Adult female. "Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). May 1874. Collected by Juan Cooper. Original number 340. Received from William M. Gabb.

68004. Adult male. "Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). May 1874. Collected by Juan Cooper. Original number 341. Received from William M. Gabb.

In the first description, Ridgway gave a list of Costa Rican localities whence his material came, but mentioned no individual specimen. The first restriction of type locality appears in Cory, Catalogue of birds of the Americas 2(2): 453 (footnote *c*), 1919, where it is stated, *fide* Ridgway, that the type came from Talamanca. Since the specimen concerned, No. 64872, was presumably selected subsequently to the description, it is here treated simply as a cotype, as are all others of the original series from the same locality.

Celeus mentalis Cassin

Proc. Acad. Nat. Sci. Philadelphia, p. 137 (not earlier than April 24), 1860.

=*Celeus loricatus mentalis* Cassin. See Chapman, Bull. Amer. Mus. Nat. Hist. 36: 354, 1917.

21752. Adult female. Turbo (a small village on the eastern shore of the Gulf of Urabá at lat. 8°06′ N., long. 76°41′ W.), Department of Antioquia, Colombia. 1857 or 1858. Collected by Charles J. Wood and William S. Wood, Jr. Original number 340. U.S. Survey of the Río Atrato.

Cassin's series was composed of three specimens, of which No. 21751, a female from Turbo, and No. 21753, a male from the Río Atrato, are now respectively Nos. 19547 and 19548 in the collection of the Academy of Natural Sciences of Philadelphia.

Stone (Proc. Acad. Nat. Sci. Philadelphia, for 1899, p, 32, 1899), without all of the original material before him, capriciously set up the Philadelphia male as the type, thus implicitly restricting the type locality to the middle or upper Río Atrato and making Cassin's name a synonym of *Celeus l. loricatus* (Reichenbach), to which race the specimen in question belongs. This unfortunate circumstance has been brought to light by Meyer de Schauensee (Proc. Acad. Nat. Sci. Philadelphia 99: 115, 1947), who definitely restricted the type locality to Turbo and validated Cassin's name for the coastal race. In this case, the two females in Washington and Philadelphia continue to be cotypes of *Celeus l. mentalis.*

Genus MICROPTERNUS Blyth

Micropternus brachyurus williamsoni Boden Kloss

Ibis (10) 6 (1): 107, January 22, 1918.

278350. Adult male. Ko Lak=Prachuap Khiri Khan (lat. 11°50′ N., long. 99°50′ E.), Province of Prachuap Khiri Khan, Thailand. November 10, 1916. Collected by Cecil Boden Kloss.

Micropternus phaioceps celaenephis Oberholser

Smithsonian Misc. Coll. 60 (7): 6, October 26, 1912.

=*Micropternus brachyurus celaenephis* Oberholser. See Ripley, Bull. Mus. Comp. Zoöl. 94: 369, 1944.

179688. Adult female. Lafau, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 29, 1903. Collected by William L. Abbott.

Genus PICUS Linnaeus

Picus vittatus eurous Deignan

Ibis 97 (1): 23, January 1, 1955.

333742. Adult male. Khao Sa Bap (lat. 12°35′ N., long. 102°15′ E.), Chanthaburi Province, Thailand. November 3, 1933. Collected by Hugh McC. Smith. Original number 6600.

Gecinus Weberi A. Müller

Ornis der Insel Salanga, p. 69, 1882.

=*Picus vittatus weberi* (A. Müller). See Deignan, Ibis 97: 24, 1955.

112665. Adult male. "Island of Salanga, near Malacca"=Phuket Island, off the western coast of peninsular Thailand. Not later than 1880. Collected by Johannes Weber. Received from the "Linnæa, Naturhistorisches Institut, Berlin N."

112666. Adult female. "Island of Salanga, near Malacca"=Phuket Island, off the western coast of peninsular Thailand. Not later than 1880. Collected by Johannes Weber. Received from the "Linnæa, Naturhistorisches Institut, Berlin N."

This form was based upon a series of 20 cotypes (ten adult males, nine adult females, and one immature male). Hargitt (Catalogue of the Birds in the British Museum 18: 50, 1890) asserts that a male and a female in London are *the* types, but the birds here listed have, of course, an exactly equivalent claim to typeship.

Picus canus jessoensis Stejneger

Proc. U.S. Nat. Mus. 9: 106, September 25, 1886.

91538. Adult male. Sapporo, Hokkaido Island, Japan. October 14, 1882. Collected by Thomas W. Blakiston. Original number 3125. Received from Pierre L. Jouy, in whose collection it was No. 987.

Picus canus perpallidus Stejneger

Proc. U.S. Nat. Mus. 9: 107 (footnote), September 25, 1886.

=*Picus canus jessoensis* Stejneger. See Hartert and Steinbacher, Vögel der palärktischen Fauna, Ergänzungsband, p. 363, 1935.

108897. Adult male. Sidemi (not Sidinij), Ussuriland, southeastern Siberia. November 25, 1884. Collected by Jan Kalinowski. Received from Leonhard H. Stejneger.

Gecinus canus griseoviridis Clark

Proc. U.S. Nat. Mus. 32: 473, June 15, 1907.

=*Picus canus jessoensis* Stejneger. See Austin, Bull. Mus. Comp. Zool. 101: 158, 159, 1948.

114120. Adult male. Seoul, Kyonggi Province, Korea. September 18, 1883. Collected by Pierre L. Jouy. Original number 1188.

Chrysophlegma flavinucha lylei Boden Kloss

Ibis (10) 6 (1): 110, January 22, 1918.

=*Picus flavinucha lylei* (Boden Kloss). See Deignan, U.S. Nat. Mus. Bull. 186: 236, 238, 1945.

278344. Adult male. Ko Lak=Prachuap Khiri Khan (lat. 11°50′ N., long. 99°50′ E.), Prachuap Khiri Khan Province, Siam. November 15, 1916. Collected by Cecil Boden Kloss.

Cirropicus chlorolophus conjunctus Riley

Proc. Biol. Soc. Washington 48: 53, May 3, 1935.

=*Picus chlorolophus annamensis* R. Meinertzhagen. See Peters, Checklist of birds of the world 6: 141, 1948.

333744. Adult male. Khao Sa Bap (lat. 12°35′ N., long. 102°15′ E.), Chanthaburi Province, southeastern Siam. October 28, 1933. Collected by Hugh McC. Smith. Original number 6561.

Callolophus mineatus perlutus Boden Kloss

Ibis (10) 6 (1): 110, January 22, 1918.

=*Picus mineaceus perlutus* (Boden Kloss). See Peters, Checklist of birds of the world 6: 142, 1948.

278351. Adult male. Ko Lak=Prachuap Khiri Khan (lat. 11°50′ N., long. 99°50′ E.), Prachuap Khiri Khan Province, Siam. November 15, 1916. Collected by Cecil Boden Kloss.

Genus DINOPIUM Rafinesque

Dinopium shorii anguste [*sic*] Ripley

Proc. Biol. Soc. Washington 63: 102, May 25, 1950.

=*Dinopium shorii angustum* Ripley, *fide* Deignan (MS.).

377546. Adult male. Six miles N. of Myitkyina, Myitkyina District, Sagaing Division, Burma. March 12, 1945. Collected by Kenneth E. Stager. Original number B–28. United States of America Typhus Commission.

Dinopium raveni Riley

Proc. Biol. Soc. Washington 40: 139, December 2, 1927.

=*Dinopium javanense raveni* Riley. See Chasen, Handlist of Malaysian Birds, p. 149, 1935.

182316. Adult male. Pulau Eraban=Pulau Ulaban, an islet just off the eastern coast of Borneo (at lat. 1°24′ N., long. 118°34′ E.). June 13, 1913. Collected by Harry C. Raven. Original number 830.

Genus GECINULUS Blyth

Gecinulus grantia poilanei Deignan

Zoologica, New York 35 (2): 127, August 1, 1950.

332424. Adult (sex not indicated, but male by plumage). Arboretum of Trang Bom, Province of Bien Hoa, Cochin-China. July 17, 1932. Collected by A. Poilane. Original number 29.

Genus MEIGLYPTES Swainson

Meiglyptes grammithorax microterus Oberholser

Smithsonian Misc. Coll. 60 (7): 6, October 26, 1912.

=*Meiglyptes tristis micropterus* Hesse. See Ripley, Bull. Mus. Comp. Zool. 94: 368, 1944.

180854. Adult male. Telok Beluku, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 3, 1905. Collected by William L. Abbott.

Meiglyptes fuscus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 132, "pl. XXXVI, fig. 1," 1848.

=*Meiglyptes tukki tukki* (Lesson). See Chasen, Handlist of Malaysian birds, p. 147, 1935.

14163. Adult female. Singapore Island, Malaya. Original number 367. U.S. Exploring Expedition (1838–1842).

Meiglyptes tukki azaleus Oberholser

U.S. Nat. Mus. Bull. 159: 46, 1932.

174694. Adult male. Bunguran (Great Natuna) Island, northern Natuna Islands, South China Sea. July 16 (not 6), 1900. Collected by William L. Abbott.

Meiglyptes tukki percnerpes Oberholser

Journ. Washington Acad. Sci. 14 (13): 301, July 19, 1924.

181636. Adult male. Batu Jurong, Ketapang Division, southwestern Borneo. June 22, 1908. Collected by William L. Abbott.

Meiglyptes tukki calceuticus Oberholser

Smithsonian Misc. Coll. 60 (7): 6, October 26, 1912.

179147. Adult female. Pulau Tuangku, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. January 23, 1902. Collected by William L. Abbott.

Meiglyptes tukki hylodromus Oberholser

Journ. Washington Acad. Sci. 14 (13): 301, July 19, 1924.

=*Meiglyptes tukki infuscatus* Salvadori. See Ripley, Bull. Mus. Comp. Zool. 94: 368, 1944.

180846. Adult male. Mojeia River, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 10, 1905. Collected by William L. Abbott.

Genus MULLERIPICUS Bonaparte

Mulleripicus pulverulentus mohun Ripley

Proc. Biol. Soc. Washington 63: 103, May 25, 1950.

408175. Adult male. Jamu Ghat, Bheri River, western Nepal. December 24, 1948. Collected by S. Dillon Ripley. Original number 306. National Geographic Society-Yale University-Smithsonian Institution Expedition to Nepal.

Mülleripicus pulverulentus celadinus Deignan

Proc. Biol. Soc. Washington 68 (23) : 146, October 31, 1955.

153742. Adult male. Ban Phra Muang [lat. 7°20′ N., long. 99°30′ E.], Trang Province, Thailand. April 14, 1896. Collected by William L. Abbott.

Genus DRYOCOPUS Boie

Dryocopus martius silvifragus Riley

Proc. Biol. Soc. Washington 28: 162, September 21, 1915.

=*Dryocopus martius martius* (Linnaeus). See Orn. Soc. Japan, Handlist of the Japanese birds, rev., p. 84, 1932.

120551. Adult male. Hakodate, Hokkaido Island, Japan. December 2, 1884. Collected by Harry V. Henson. Original number 216.

Thriponax parvus Richmond

Proc. Biol. Soc. Washington 15: 189, August 6, 1902.

=*Dryocopus javensis parvus* (Richmond). See Ripley, Bull. Mus. Comp. Zoöl. 94: 369, 1944.

179160. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 3, 1901. Collected by William L. Abbott.

Thriponax javensis büttikoferi Richmond

Proc. Biol. Soc. Washington 25: 104, June 15, 1912.

=*Dryocopus javensis büttikoferi* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 369–370, 1944.

179685. Adult male. Siaba Bay, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 18, 1903. Collected by William L. Abbott and Cecil Boden Kloss.

Phlœotomus pileatus floridanus Ridgway

Proc. Biol. Soc. Washington 24: 33, February 24, 1911.

=*Dryocopus pileatus floridanus* (Ridgway). See Peters, Checklist of birds of the world 6: 154, 1948.

152136. Adult male. Prevatt's Camp (24 miles southwest of Kissimmee), Polk County, Florida. March 23, 1896. Collected by Robert Ridgway.

Genus MELANERPES Swainson

Melanerpes formicivorus bairdi Ridgway

U.S. Nat. Mus. Bull. 21: 6, 34, 85 (not later than April 4), 1881.

5495. Adult male. Petaluma, Sonoma County, California. May 1856. Collected by Emanuel Samuels. Original number 756.

This name was belatedly given to "the Californian form" of *M. formicivorus,* described in Baird, Brewer, and Ridgway, History of N.A. Birds 2: 561, 566, 1874. Since no individual specimens were there mentioned, it follows that all Californian examples of either sex in the collection in 1874 should have equivalent status as cotypes.

In 1910 (A.O.U., Checklist of North American birds, ed. 3, p. 193), the type locality was restricted to Petaluma, California. From the point of view adopted for this study, all specimens of the original series from Petaluma would continue to be cotypes. There were three of these, of which but one is now in the collection. No. 5496, a female, cannot be traced, while No. 5497, a male, was sent to Verreaux in 1858 and thus needs no further consideration.

Melanerpes formicivorus, var. **angustifrons** Baird

in Cooper, Geol. Surv. California, Orn. 1: 405 (not earlier than October) 1870.

=*Melanerpes formicivorus angustifrons* Baird. See Peters, Checklist of birds of the world 6: 159, 1948.

25947. Adult male. Rancho San Nicolás (a little north of lat. 23° N.), near San José del Cabo, State of Baja California, México. October 1859. Collected by John Xántus. Original number 3093.

25948. Adult female. Rancho San Nicolás (a little north of lat. 23° N.), near San José del Cabo, State of Baja California, México. October 1859. Collected by John Xántus. Original number 3101.

25949. Adult female. Miraflores (at about lat. 23°24′ N.), State of Baja California, México. November 25, 1859. Collected by John Xántus. Original number 3412.

25950. Adult male. Miraflores (at about lat. 23°24′ N.), State of Baja California, México. November 25, 1859. Collected by John Xántus. Original number 3411.

For his description, Baird had a series of at least eight specimens, of which four, Nos. 25968–25971, are entered into the museum register (in Cassin's hand) simply as from Cape San Lucas. These four were taken away by Cassin (two of them "to be returned"), but none is now in the collection; they are perhaps to be found in the Academy of Natural Sciences at Philadelphia.

Melanerpes formicivorus, var. **striatipectus** Ridway

in Baird, Brewer, and Ridgway, History of North American birds 2: 561 (footnote 1), January 1874.

=*Melanerpes formicivorus striatipectus* Ridgway. See Peters, Checklist of birds of the world 6: 160, 1948.

39798. Adult male. Birrís ("the locality in the region of a small river of the same name which flows through a very deep gorge into the Rio Reventazón between Paraiso and Juan Viñas," *fide* Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Cartago, Costa Rica. May 17, 1865. Collected by José C. Zeledón. Original number 69.

Ridgway based this form upon an undisclosed number of specimens from "Middle America, south of Orizaba and Mirador." At some time after 1910 the late Charles W. Richmond inferentially restricted the type locality to Birrís, Costa Rica, by labeling as the type No. 39798, and his action was to be made official by Ridgway himself in his Birds of North and Middle America (6: 111, 1914). No. 39798 can be, however, no more than a lectotype, since it can be shown that Ridgway had before him in 1874 not less than eight specimens from Costa Rica, and of these not less than three from Birrís. Indeed, Richmond's choice seems to have been quite capricious, since Ridgway's diagnosis relied more upon characters of the female than of the male.

Accepting Birrís as type locality, we must have not fewer than three cotypes, of which only one is now in the collection. No. 39800, a male taken on May 15, 1865, was sent on February 28, 1887, to Robert Collett and may still exist in the museum at Oslo; No. 39799, a female of the same date, seems to have disappeared from Washington without trace.

Centurus uropygialis Baird

Proc. Acad. Nat. Sci. Philadelphia 7: 120 (not earlier than June 27), 1854.

=*Melanerpes hypopolius uropygialis* (Baird). See Peters, Checklist of birds of the world 6: 160, 1948.

12324. Adult male. "Camp 121"=a point (at about lat. 34°17′ N.) on the Williams River a few miles below the union of the Big Sandy and Santa Maria Rivers to form the Williams, Yuma or Mohave County, Arizona (not New Mexico). February 13, 1854. Collected by Caleb B. R. Kennerly and H. Baldwin Möllhausen. Original number 99. Pacific Railroad Survey, Line of the 35th Parallel.

There were two specimens in the original series; the second, No. 11762 (original number 171), cannot now be found. It was collected on February 16, 1854, at "Camp 123"; its other data are as for No. 12324.

No. 12324 has been discussed in detail by Van Rossem, Condor 44: 22, 1942.

Centurus uropygialis brewsteri Ridgway

Proc. Biol. Soc. Washington 24: 32, February 24, 1911.

=*Melanerpes hypopolius brewsteri* (Ridgway). See Peters, Checklist of birds of the world 6: 160, 1948.

151827. Adult male. Santiago (at about lat. 23°28′ N.), State of Baja California, México. November 25 (not 22), 1887. Collected by Martin

A. Frazar. Received from William Brewster (in whose collection it was No. 17342).

Melanerpes frontalis Nelson

Auk 17 (3) : 257, July 1900.

=*Melanerpes aurifrons frontalis* Nelson. See Wetmore, Proc. U.S. Nat. Mus. 93: 275, 1943; Peters, Checklist of birds of the world 6: 162, 1948.

154938. Adult male. San Vicente, State of Chiapas, México. December 12, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3279. Received from the U.S. Fish and Wildlife Service.

Melanerpes dubius veræcrucis Nelson

Auk 17 (3) : 259, July 1900.

=*Melanerpes aurifrons veraecrucis* Nelson. See Wetmore, Proc. U.S. Nat. Mus. 93: 275, 1943; Peters, Checklist of birds of the world 6: 162, 1948.

154835. Adult male. Coatzacoalcos=Puerto México, State of Veracruz, México. April 11 (*not* 15), 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3679. Received from the U.S. Fish and Wildlife Service.

Centurus leei Ridgway

Proc. Biol. Soc. Washington 3: 22, February 26, 1885.

=*Melanerpes aurifrons leei* (Ridgway). See Wetmore, Proc. U.S. Nat. Mus. 93: 276, 1943; Peters, Checklist of birds of the world 6: 162, 1948.

102777. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 28, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Melanerpes sanctacruzi fumosus Nelson

Auk 17 (3) : 258, July 1900.

=*Melanerpes aurifrons santacruzi* (Bonaparte). See Griscom, Bull. Amer. Mus. Nat. Hist. 64: 228–229, 1932; Peters, Checklist of birds of the world 6: 162, 1948.

154964. Adult male. Huehuetán, State of Chiapas, México. March 2, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3617. Received from the U.S. Fish and Wildlife Service.

Centurus santacruzi pauper Ridgway

Proc. U.S. Nat. Mus. 10: 582, August 6, 1888.

=*Melanerpes aurifrons pauper* (Ridgway). See Wetmore, Proc. U.S. Nat. Mus. 93: 277, 1943; Peters, Checklist of birds of the world 6: 163, 1948.

112578. Adult male. Trujillo, Department of Colón, Honduras. September 30, 1887. Collected by Charles H. Townsend.

Centurus chrysogenys flavinuchus Ridgway

Proc. Biol. Soc. Washington 24: 32, February 24, 1911.

=*Melanerpes chrysogenys flavinuchus* (Ridgway). See Peters, Checklist of birds of the world 6: 163, 1948.

154935. Adult male. Acapulco, State of Guerrero, México. January 13, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2480. Received from the U.S. Fish and Wildlife Service.

Centurus nyeanus Ridgway

Auk 3 (3): 336, July 1886.

=*Melanerpes superciliaris nyeanus* (Ridgway). See Peters, Checklist of birds of the world 6: 163, 1948.

107996. Adult male. Watlings Island, Bahama Islands. March 5, 1886. Collected by Willard Nye. Received from the U.S. Fish Commission.

Centurus blakei Ridgway

Auk 3 (3): 337, July 1886.

=*Melanerpes superciliaris blakei* (Ridgway). See Peters, Checklist of birds of the world 6: 164, 1948.

108618. Adult male. Abaco Island, Bahama Islands. April 2, 1886. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

108619. Adult female. Abaco Island, Bahama Islands. April 6, 1886. Collected by Willard Nye. Received from the U.S. Fish Commission.

Centurus rubriventris pygmæus Ridgway

Proc. U.S. Nat. Mus. 8: 576, October 26, 1885.

=*Melanerpes pygmaeus pygmaeus* (Ridgway), *fide* Deignan (MS.).

102791. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 28, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Centurus rubricapillus subfusculus Wetmore

Smithsonian Misc. Coll. 134 (9): 50, July 8, 1957.

=*Melanerpes rubricapillus subfusculus* (Wetmore), *fide* Deignan (MS.).

460784. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. January 18, 1956. Collected by Alexander Wetmore. Original number 20311.

[Melanerpes subelegans] neglectus Richmond

Proc. U.S. Nat. Mus. 18: 667, August 12, 1896.

=*Melanerpes rubricapillus rubricapillus* (Cabanis). See Chapman, Bull. Amer. Mus. Nat. Hist. 36: 351, 1917; Wetmore, Proc. U.S. Nat. Mus. 87: 213, 1939; Peters, Checklist of birds of the world 6: 165, 1948.

147081. Adult female. "Bogotá," Colombia. Entered into the museum register on June 1, 1867. Received from Allen A. Burton.

Genus SPHYRAPICUS Baird

Sphyrapicus varius appalachiensis Ganier

Migrant 25(3) : 40, pl., October 22, 1954.

457395. Adult male. Stratton Gap (at elev. 4350 feet), Unicoi Mountains, Monroe County, Tennessee. June 21, 1946. Collected by Albert F. Ganier. Received from Albert F. Ganier, in whose private collection it was No. 1426.

Picus williamsoni Newberry

Rep. Expl. Surv. R.R. Pac. 6 (4) : 89, pl. 34 (upper fig.), 1857.

=*Sphyrapicus thyroideus thyroideus* (Cassin). See Ridgway, Birds of North and Middle America 6: 286, 289, 1914; A.O.U., Checklist of North American birds, ed. 4, p. 193, 1931.

9344. Adult male. "In the pine forest bordering upper Klamath lake on the east," Klamath County, Oregon. August 23, 1855. Collected by John S. Newberry. Pacific Railroad Survey, The Sacramento Valley to the Columbia River.

Newberry gave no verbal description of his bird, but the colored figure serves to validate the name. The first proper diagnosis was given by Baird (Rep. Expl. and Surv. R.R. Pac. 9: 105, 1858) ; if it should ever be shown that Newberry's plate 34 was antedated by Baird's description, the name must of course be accredited to Baird.

Genus VENILIORNIS Bonaparte

Veniliornis kirkii darienensis Ridgway

Proc. Biol. Soc. Washington 24 (9) : 33, February 24, 1911.

=*Veniliornis kirkii cecilii* (Malherbe). See Griscom, Bull. Mus. Comp. Zool. 78: 331, 1935.

150795. Adult male. On the banks of the Río Pirri, El Real de Santa María, Province of Darién, Panamá. September 3, 1889. Collected by H. T. Heyde and Ernesto Lux. Original number 189.

Genus DENDROCOPOS Koch

Dendrocopos purus Stejneger

Auk 1 (1) : 35, January 1884.

=*Dendrocopos major kamtschaticus* (Dybowski). See Hartert, Vögel der paläarktischen Fauna 2: 907, 1912; Peters, Checklist of birds of the world 6: 184, 1948.

92701. Adult male. Ladiginsk, Bering Island, Commander Islands, Bering Sea between Kamchatka and the Aleutian Islands. May 9, 1883. Collected by Leonhard H. Stejneger. Original number 2024.

92702. Adult male. Saranna, Bering Island, Commander Islands, Bering Sea between Kamchatka and the Aleutian Islands. May 8, 1883. Collected by Leonhard H. Stejneger. Original number 2019.

92703. Adult female. Severnij, Bering Island, Commander Islands, Bering Sea between Kamchatka and the Aleutian Islands. October 26, 1882. Collected by Leonhard H. Stejneger. Original number 1700.

Although Dybowski's name ostensibly appeared in 1883, it is by no means certain that Stejneger's *purus*, published during January 1884, had not in fact appeared earlier. The first outside reference to *kamtschaticus* I have found is Menzbier's in the Ibis for July 1884 (where it is spelled *kamtschatkensis*). Since, however, it is perhaps not possible to ascertain which name has true priority, it seems advisable to follow Hartert in accepting the date of *kamtschaticus* at face value.

Dryobates leucotos ussurianus Clark

Proc. U.S. Nat. Mus. 32: 473, June 15, 1907.

D[endrodromas]. leuconotus clarki Buturlin

Ann. Mus. Zool. Acad. Imp. Sci.-Pétersbourg 13: 234 (not earlier than March 5), 1908.

=*Dendrocopos leucotos ussuriensis* (Buturlin). See Peters, Checklist of birds of the world 6: 190, 1948.

108896. Adult female. Sidemi, Ussuriland, southeastern Siberia. December 19, 1883. Collected by Jan Kalinowski. Received from Leonhard H. Stejneger.

D[*endrodromas*]. *leuconotus clarki* Buturlin is a wholly unnecessary renaming of *Dryobates leucotos ussurianus* Clark, with the same type specimen. Buturlin had the erroneous impression that Clark's name was invalidated by his own *Dendrocopus leuconotus ussuriensis*, 1907.

Dryobates leucotos coreensis Clark

Proc. U.S. Nat. Mus. 32: 472, June 15, 1907.

=*Dendrocopos leucotos sinicus* (Buturlin). See Peters, Checklist of birds of the world 6: 190, 191, 1948.

114112. Adult male. Fusan, South Kyongsang Province, Korea. October 3, 1885. Collected by Pierre L. Jouy. Original number 1556.

Dryobates subcirris Stejneger

Proc. U.S. Nat. Mus. 9: 113, September 25, 1886.

=*Dendrocopos leucotos subcirris* (Stejneger). See Peters, Checklist of birds of the world 6: 191, 1948.

96000. Adult male. Sapporo, Hokkaido Island, Japan. November—(not 11), 1881. Collected by Thomas W. Blakiston. Original number 2768.

Dryobates namiyei Stejneger

Proc. U.S. Nat. Mus. 9: 116, pl. 2, September 25, 1886.

=*Dendrocopos leucotos namiyei* (Stejneger). See Peters, Checklist of birds of the world 6: 191, 1948.

370446. Adult male. "Yamato"=Nara Prefecture, Honsiu Island, Japan. September 1876. Collected by Henry J. S. Pryer. Received from the Tokyo Educational Museum, where it was No. 178.

A ms. note by Richmond reads "Plate was publ. July 8, 1885!" I have so far been quite unable to discover the source of Richmond's information, which was presumably well founded. If the name appeared on the original edition of the plate, and it was distributed, as is implied by Richmond's remark, the name must of course date from July 8, 1885, rather than from the date of publication of the verbal description.

This specimen owes its continued existence to a curious mischance. It was lent to Stejneger in 1885 (obviously prior to July 8), and had affixed a red type label, on which Stejneger had crossed out the words "United States National Museum" and "Smithsonian Institution," but had written "Tokio Ed. Mus. 178." Through oversight, the bird was never returned, and was only entered into our register on January 12, 1942, when it was turned up among our own type specimens.

Dendrocopos immaculatus Stejneger

Proc. Biol. Soc. Washington 2: 98, April 10, 1884.

=*Dendrocopos minor immaculatus* Stejneger. See Peters, Checklist of birds of the world 6: 197, 1948.

92700. Adult male. Petropavlovsk-Kamchatskii, Kamchatka District, Far-Eastern Region, U.S.S.R. October 9, 1883. Collected by Leonhard H. Stejneger. Original number 2757.

Yungipicus kizuki wilderi Kuroda

China Journ. Sci. Arts 5: 261, November 1926.

=*Dendrocopos kizuki wilderi* (Kuroda). See Peters, Checklist of birds of the world 6: 200, 1948.

349829. Adult male. Eastern Tombs, about 75 miles NE. of Peiping, Hopei Province, China. February 5, 1925. Collected by George D. Wilder. Original number 1127.

Yungipicus moluccensis tantulus Riley

Proc. Biol. Soc. Washington 40: 140, December 2, 1927.

=*Dendrocopos moluccensis moluccensis* (Gmelin). See Peters, Checklist of birds of the world 6: 203, 1948.

181846. Adult male. Tenggarong, on the Mahakam (Kutai) River (at about lat. 0°24′ S., long. 116°58′ E.), Borneo. June 21, 1912. Collected by Harry C. Raven. Original number 58.

Yungipicus siasiensis Mearns

Proc. U.S. Nat. Mus. 36: 438, May 22, 1909.

=*Dendrocopos maculatus siasiensis* (Mearns). See Peters, Checklist of birds of the world 6: 204, 1948.

210765. Adult male. Siasi Island, Sulu Province, Philippine Islands. October 12, 1906. Collected by Edgar A. Mearns. Original number 14401.

Picus martini Audubon

Birds of America [folio] 4: pl. 417, fig. 1, 2, 1838.

Picus rubricapillus Nuttall

Manual of the ornithology of the United States and of Canada, land birds, ed. 2, p. 685, 1840.

=*Dendrocopos villosus villosus* (Linnaeus). See Ridgway, Birds of North and Middle America 6: 204, 205, 1914; Peters, Checklist of birds of the world 6: 206, 1948.

2798. Immature male. "Neighbourhood of Toronto," Province of Ontario, Canada (*fide* Audubon, Ornithological biography 5: 181, 1839). Received from Spencer F. Baird, who acquired it from John J. Audubon.

2799. Immature female. "Neighbourhood of Toronto," Province of Ontario, Canada (*fide* Audubon, Ornithological biography 5: 181, 1839). Received from Spencer F. Baird, who acquired it from John J. Audubon.

Picus rubricapillus Nuttall is a mere renaming of *Picus martini* Audubon, with the same type specimens.

Picus phillipsi Audubon

Birds of America (folio) 4: pl. 417, fig. 5, 6, 1838.

=*Dendrocopos villosus villosus* (Linnaeus). See Ridgway, Birds of North and Middle America 6: 204, 206, 1914; Peters, Checklist of birds of the world 6: 206, 1948.

2800. Immature male. Massachusetts="vicinity of Cambridge, Massachusetts" (*fide* Nuttall, Manual of the ornithology of the United States and of Canada, land birds, ed. 2, p. 686, 1840). Collected by Thomas Nuttall. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Dryobates picoideus Osgood

North American Fauna 21: 19, 44, September 26, 1901.

=*Dendrocopos villosus picoideus* (Osgood). See Peters, Checklist of birds of the world 6: 207, 1948.

166816. Adult female. Cumshewa Inlet, Moresby Island, Queen Charlotte Islands, Province of British Columbia, Canada. June 15, 1900. Collected by Wilfred H. Osgood and Edmund Heller. Original number 386. Received from the U.S. Fish and Wildlife Service.

Dryobates villosus orius Oberholser

Proc. U.S. Nat. Mus. 40: 597 (in key), 609, June 3, 1911.

=*Dendrocopos villosus orius* (Oberholser). See Peters, Checklist of birds of the world 6: 208, 1948.

161978. Adult male. Quincy, Plumas County, California. February 10, 1892. Collected by Edward Garner. Original number 125a.

Dryobates villosus leucothorectis Oberholser

Proc. U.S. Nat. Mus. 40: 597 (in key), 608, June 3, 1911.

=*Dendrocopos villosus leucothorectis* (Oberholser). See Peters, Checklist of birds of the world 6: 208, 1948.

196291. Adult male. Burley, Socorro County, New Mexico. September 19, 1905. Collected by Ned Hollister. Original number 973. Received from the U.S. Fish and Wildlife Service.

Dryobates villosus icastus Oberholser

Proc. U.S. Nat. Mus. 40: 597 (in key), 612, June 3, 1911.

=*Dendrocopos villosus icastus* (Oberholser). See Van Rossem, Occas. Pap. Mus. Zool., Louisiana State Univ. 21: 137, 1945.

163914. Adult male. El Salto, State of Durango, México. July 21, 1898. Collected by Edward W. Nelson and Edward A. Goldman. Original number 5704. Received from the U.S. Fish and Wildlife Service.

Dryobates villosus intermedius Nelson

Auk 17 (3) : 259, July 1900.

=*Dendrocopos villosus intermedius* (Nelson). See Peters, Checklist of birds of the world 6: 209, 1948.

154901. Adult male. Villar, State of San Luis Potosí, México. September 22, 1892. Collected by Edward W. Nelson. Original number 367. Received from the U.S. Fish and Wildlife Service.

Dryobates villosus enissomenus Oberholser

Proc. U.S. Nat. Mus. 40: 597 (in key), 614, June 3, 1911.

=*Dendrocopos villosus jardinii* (Malherbe). See Peters, Checklist of birds of the world 6: 209, 1948.

185785. Adult male. Omilteme, State of Guerrero, México. May 25, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 10036. Received from the U.S. Fish and Wildlife Service.

Dryobates villosus hylobatus Oberholser

Proc. U.S. Nat. Mus. 40: 597 (in key), 617, June 3, 1911.

=*Dendrocopos villosus jardinii* (Malherbe). See Peters, Checklist of birds of the world 6: 209, 1948.

154895. Adult female. Huitzilac, State of Morelos, México. January 1, 1893. Collected by Edward W. Nelson. Original number 661. Received from the U.S. Fish and Wildlife Service.

Dryobates sanctorum Nelson

Auk 14 (1) : 50, January 1897.

=*Dendrocopos villosus sanctorum* (Nelson). See Peters, Checklist of birds of the world 6: 209, 1948.

154889. Adult male. Todos Santos, Department of Huehuetenango, Guatemala. December 30, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3321. Received from the U.S. Fish and Wildlife Service.

Dryobates pubescens nelsoni Oberholser

Proc. U.S. Nat. Mus. 18: 549, June 24, 1896.

=*Dendrocopos pubescens nelsoni* (Oberholser). See Peters, Checklist of birds of the world 6: 210, 1948.

75654. Adult male. Nulato, Nulato District (on the Yukon River east of Norton Sound), Alaska. January 1878. Collected by Edward W. Nelson. Original number 570.

Dryobates borealis hylonomus Wetmore

Proc. U.S. Nat. Mus. 90: 498, October 31, 1941.

=*Dendrocopos borealis hylonomus* (Wetmore). See Peters, Checklist of birds of the world 6: 211, 1948.

152081. Adult male. Seven miles southwest of Kissimmee, Osceola County, Florida. March 19, 1896. Collected by Robert Ridgway.

Picus Nuttalii [*sic*] Gambel

Proc. Acad. Nat. Sci. Philadelphia 1: 259 (not earlier than April 25), 1843.

=*Dendrocopos nuttallii* (Gambel). See Peters, Checklist of birds of the world 6: 211, 1948.

3337. Subadult male. "In a willow thicket near the Pueblo de los Angelos [*sic*]"="about in the center of the present city of Los Angeles" (see Grinnell, Univ. California Publ. Zool. 38: 283, 1932), Los Angeles County, California. December 10, 1841. Collected by William Gambel. Received as part of the collection of Spencer F. Baird, who acquired it from Thomas B. Wilson.

Dryobates scalaris cactophilus Oberholser

Proc. U.S. Nat. Mus. 41: 140 (in key), 152, June 30, 1911.

=*Dendrocopos scalaris cactophilus* (Oberholser). See Van Rossem, Occas. Pap. Mus. Zool., Louisiana State Univ. 21: 138, 1945.

119415. Adult male. Tucson, Pima County, Arizona. November 30, 1890. Collected by Pierre L. Jouy. Original number 1082.

Dryobates scalaris eremicus Oberholser

Proc. U.S. Nat. Mus. 41: 141 (in key), 151, June 30, 1911.

=*Dendrocopos scalaris eremicus* (Oberholser). See Peters, Checklist of birds of the world 6: 212, 1948.

196255. Adult male. San Fernando Mission (in the interior on the western slope at lat. 30° N.), State of Baja California, México. September 4, 1905. Collected by Edward W. Nelson and Edward A. Goldman. Original number 11651. Received from the U.S. Fish and Wildlife Service.

Picus lucasanus Xántus

Proc. Acad. Nat. Sci. Philadelphia 11: 298 (not earlier than November 29, 1859.

=*Dendrocopos scalaris lucasanus* (Xántus). See Van Rossem, Occas. Pap. Mus. Zool., Louisiana State Univ. 21: 140, 1945.

12938. Adult male. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 460.

12939. Adult male. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 249.

12941. Adult female. Cape San Lucas, State of Baja California, México. April 1859. Collected by John Xántus. Original number 65.

A fourth cotype, a female, No. 12940, was sent in December 1885 to Francisco Ferrari-Pérez.

[P(icus). scalaris] var. **graysoni** Baird

in Baird, Brewer, and Ridgway, History of North American birds 2: 501 (in key), 517, January 1874.

=*Dendrocopos scalaris graysoni* (Baird). See Oberholser, Proc. U.S. Nat. Mus. 41: 148, 1911; Peters, Checklist of birds of the world 6: 212, 1948.

37351. Adult male. Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 81.

58224. Adult male. Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. Entered into the museum register on July 12, 1869. Collected by Andrew J. Grayson. Original number 79.

No. 37351 bears a red type label, on which the name has been inscribed by Ridgway's hand, but as in the case of *D. s. sinaloensis*, all adult males of the original series must be considered cotypes.

In addition to those listed above, the register indicates that there may have been a third, No. 37349; this specimen has vanished without trace, unless, as seems probable from the identity of all data, No. 58224 is the same specimen reentered five years later.

D[ryobates]. scalaris sinaloensis Ridgway

Manual North American birds, p. 285, September 27, 1887.

=*Dendrocopos scalaris sinaloensis* (Ridgway). See Van Rossem, Occas. Pap. Mus. Zool., Louisiana State Univ. 21: 139, 1945.

23812. Adult male. Mazatlán, State of Sinaloa, México. June 1861. Collected by John Xántus. Original number 27.

58225. Adult male. Río Mazatlán=Río del Presidio, State of Sinaloa, México. Entered into the museum register on July 12, 1869. Collected by Andrew J. Grayson. Original number 365.

No. 58225 now bears a red type label, on which the name has been inscribed by Ridgway's hand; reference to the first description shows, however, that all *adult males* of the original series must be considered cotypes.

Dryobates scalaris agnus Oberholser

Proc. U.S. Nat. Mus. 41: 140 (in key), 150, June 30, 1911.

=*Dendrocopos scalaris sinaloensis* (Ridgway). See Van Rossem, Occas. Pap. Mus. Zool., Louisiana State Univ. 21: 139 (footnote 28), 1945.

164107. Adult male. Río Mayo, at Camoa (lat. 27°13′ N., long. 109°18′ W.), State of Sonora, México. November 6, 1898. Collected by Edward A. Goldman. Original number 5953. Received from the U.S. Fish and Wildlife Service.

Dryobates scalaris centrophilus Oberholser

Proc. U.S. Nat. Mus. 41: 140 (in key), 157, June 30, 1911.

=*Dendrocopos scalaris centrophilus* (Oberholser). See Peters, Checklist of birds of the world 6: 212, 1948.

155991. Adult male. Ameca, State of Jalisco, México. March 3, 1897.

Collected by Edward W. Nelson and Edward A. Goldman. Original number 3793. Received from the U.S. Fish and Wildlife Service.

Dryobates scalaris azelus Oberholser

Proc. U.S. Nat. Mus. 41: 141 (in key), 147, June 30, 1911.

=*Dendrocopos scalaris azelus* (Oberholser). See Peters, Checklist of birds of the world 6: 213, 1948.

185060. Adult male. La Salada, State of Michoacán, México. March 19, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9331. Received from the U.S. Fish and Wildlife Service.

Dryobates scalaris symplectus Oberholser

Proc. U.S. Nat. Mus. 41: 140 (in key), 155, June 30, 1911.

=*Dendrocopos scalaris symplectus* (Oberholser). See Peters, Checklist of birds of the world 6: 213, 1948.

140730. Adult male. Mouth of the Nueces River, Nueces or San Patricio County, Texas. November 21, 1891. Collected by William Lloyd. Received from the U.S. Fish and Wildlife Service.

Dryobates scalaris ridgwayi Oberholser

Proc. U.S. Nat. Mus. 41: 140 (in key), 143, June 30, 1911.

=*Dendrocopos scalaris ridgwayi* (Oberholser). See Peters, Checklist of birds of the world 6: 213, 1948.

187546. Adult male. Jaltipán, State of Veracruz, México. February 3, 1904. Collected by Edward W. Nelson and Edward A. Goldman. Original number 10402. Received from the U.S. Fish and Wildlife Service.

Dryobates scalaris percus Oberholser

Proc. U.S. Nat. Mus. 41: 140 (in key), 144, June 30, 1911.

=*Dendrocopos scalaris percus* (Oberholser). See Peters, Checklist of birds of the world 6: 213, 1948.

193906. Adult male. Comitán, State of Chiapas, México. April 15, 1904. Collected by Edward W. Nelson and Edward A. Goldman. Original number 10692. Received from the U.S. Fish and Wildlife Service.

D[ryobates]. arizonæ fraterculus Ridgway

Manual of North American birds, p. 286, September 27, 1887.

=*Dendrocopos arizonae fraterculus* (Ridgway). See Van Rossem, Occas. Pap. Mus. Zool., Louisiana State Univ. 21: 141, 1945.

30105. Adult female. Sierra Madre (not Sierra Nevada)=Río Neshpa, State of Michoacán (not Colima), México. April 1863. Collected by John Xántus. Original number 533.

Dyctiopicus mixtus malleator Wetmore

Journ. Washington Acad. Sci. 12 (14): 326, August 19, 1922.

=*Dendrocopos mixtus malleator* (Wetmore). See Peters, Checklist of birds of the world 6: 215, 1948.

284616. Adult male. Las Palmas, Territory of the Chaco, Argentina. July 23, 1920. Collected by Alexander Wetmore. Original number 4549. Received from the U.S. Fish and Wildlife Service.

Genus PICOIDES Lacépède

Picoides albidior Stejneger

Proc. U.S. Nat. Mus. 11: 168, January 5, 1889.

=*Picoides tridactylus albidior* Stejneger. See Hartert, Vögel der paläarktischen Fauna 2: 932, 1912.

110000. Adult male. Petropavlovsk-Kamchatskii, Kamchatka District, Far-Eastern Region, U.S.S.R. Entered into the museum register on December 20, 1886. Collected by J. E. Hunter.

The name *Picoides albidior* Stejneger first appeared in 1885 (U.S. Nat. Mus. Bull. 29: 321) as a new name for *Picus tridactylus* of Kittlitz, not Linnaeus, and for *Picoides crissoleucos* "Brandt" Taczanowski, not Reichenbach. Stejneger had at the time never seen a Kamchatkan example of this woodpecker; the types of his new name were therefore the five Kamchatkan males discussed by Taczanowski and whatever Kamchatkan specimens may have been described by Kittlitz (original citation not seen by me).

In 1886 Stejneger obtained a specimen of his own, and in 1889 published a "brief formal diagnosis" of *Picoides albidior* based upon this specimen. No. 110000 is thus the holotype of the name *Picoides albidior* Stejneger, 1889, but has no connection with *Picoides albidior* Stejneger, 1885. Indeed, despite the fact that Stejneger in 1889 referred to his bird as the type, No. 110000 is, from my point of view, simply a topotype which served as the basis for a superfluous description.

Although Stejneger, in 1885, gave no description of the Kamchatkan race, he referred distinctly to Taczanowski's paper, where a sufficiently complete diagnosis is to be found. The original citation for this form should therefore read:

Picoides albidior Stejneger, Bull. U.S. Nat. Mus. 29: 321 (not earlier than July), 1885. New name for *Picoides crissoleucos* "Brandt" Taczanowski, 1882, not *Apternus crissoleucus* "Brandt" Reichenbach, 1854.

[Picoides Americanus] var. **fasciatus** Baird

in Cooper, Geol. Surv. California, Orn. 1: 385 (not earlier than October), 1870.

=*Picoides tridactylus fasciatus* Baird. See A.O.U. Checklist of North American Birds, ed. 4, p. 200, 1931.

27126 (*not* 29126). Adult male. Fort Simpson (at the confluence of the Liard River with the Mackenzie), District of Mackenzie, Northwest Territories, Canada. September 2, 1861. Collected by Bernard R. Ross. Original number 1204.

Picoides tridactylus alascensis Nelson

Auk 1 (2): 165, April 1884.

=*Picoides tridactylus fasciatus Baird.* See Ridgway, Birds of North and Middle America 6: 295, 296, 1914; A.O.U., Checklist of North American birds, ed. 4, p. 200, 1931.

78614. Adult male. Fort Reliance ("farther up the Yukon River, but south of Fort Yukon," *fide* Turner, Contributions to the natural history of Alaska, p. 166, 1886), Alaska. November 20, 1878. Collected by L. N. McQuesten for Edward W. Nelson. Original number 1161.

78615. Adult male. Fort Reliance, Alaska. November 11, 1878. Collected by L. N. McQuesten for Edward W. Nelson. Original number 1164.

78621. Adult female. Fort Reliance, Alaska. October 15, 1878. Collected by (L. N. McQuesten for?) Edward W. Nelson. Original number 1168.

This form was originally described as from "Alaska and northern British America," but no specimens were definitely mentioned.

Since the name given was *alascensis*, the types must be chosen from the Alaskan section of Nelson's series, and preferably from among specimens in his own collection. This will immediately remove from consideration the locality Nulato, given by Ridgway (*op. cit.*, p. 296), since the species was collected there only by Turner. In any case, the type locality had already been inferentially restricted to Fort Reliance and a type specimen selected prior to Bangs's revision of the group (Auk 17: 132, 1900).

Nelson, in Birds of Alaska ([Arctic Series of Publications, Signal Service U.S. Army 3], p. 160, 1887), listed by original numbers six specimens from Fort Yukon and Fort Reliance. Presumably, although these six represented but a small proportion of his entire series, the type should have been selected from among them. The bird set aside by Richmond (No. 78615) is not there listed however; on the other hand, of the six only one can now be found in the collection (and that an example from Fort Yukon).

Accepting Fort Reliance, Alaska (not Mackenzie, as believed by Bangs), as the restricted type locality, I have listed as cotypes all Nelson's birds from that place still in the museum.

Picoides dorsalis Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xxxviii, 97 (in key), 100, 1858.

=*Picoides tridactylus dorsalis* Baird. See A.O.U., Checklist of North American Birds, ed. 4, p. 200, 1931.

8809. Adult male. Laramie Peak, Albany County, Wyoming. August 25, 1857. Collected by Ferdinand V. Hayden. Original number 83. Exploration of the Upper Missouri and Yellowstone.

Picus (Apternus) arcticus Swainson

in Swainson and Richardson, Fauna Boreali-Americana 2 (The Birds): 313, pl. 57, February 1832.

=*Picoides arcticus* (Swainson). See A.O.U., Checklist of North American Birds, ed. 4, p. 199, 1931.

7973. Adult male. "Hudson's Bay"=On the eastern declivity of the Rocky Mountains, near the sources of the Athabaska River (at lat. 57° N.), Province of Alberta, Canada. 1826 or 1827. Collected by Thomas Drummond (see Richardson, *in* Swainson and Richardson *op. cit.*, Introduction, p. xv). Original number 84. Received from John Gould.

The female cotype, No. 7974 (original number 84A, but with all other data the same as for No. 7973), was sent to Oberlin College on March 21, 1888. Dr. Lynds Jones has informed me, in a letter dated March 22, 1942, that this specimen was destroyed long ago.

Genus CHRYSOCOLAPTES Blyth

Chrysocolaptes festivus tantus Ripley

Spolia Zeylanica 24 (3) : 214, November 8, 1946.

375928. Adult female. Embilipitiya (about lat. 6°21′ N., long. 80°51′ E.), Southern Province, Ceylon. February 11, 1944. Collected by E. C. Fernando. Original number 105.

Genus PHLOEOCEASTES Cabanis

Scapaneus guatemalensis nelsoni Ridgway

Proc. Biol. Soc. Washington 24: 34, February 24, 1911.

=*Phloeoceastes guatemalensis nelsoni* (Ridgway). See Peters, Checklist of birds of the world 6: 228, 1948.

185526. Adult male. El Rincón, State of Guerrero, México. May 8, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9768. Received from the U.S. Fish and Wildlife Service.

Genus CAMPEPHILUS G. R. Gray

Campephilus Bairdii Cassin

Proc. Acad. Nat. Sci. Philadelphia, p. 322 (not earlier than November 24), 1863 or (not later than February 12), 1864.

=*Campephilus principalis bairdii* Cassin. See Bond, Checklist of birds of the West Indies, p. 83, 1945.

23570. Adult male. Monte Verde, Province of Oriente, Cuba. September 16, 1861. Collected by Charles Wright.

23571. Adult female. Same data as No. 23570.

In the original description, Cassin referred to specimens in the collection of the Academy of Natural Sciences, presented by Richard C. Taylor, but only one (No. 19610) seems now to exist there. It is, of course, a cotype.

Order PASSERIFORMES: Perching Birds

Family EURYLAIMIDAE: Broadbills

Genus CALYPTOMENA Raffles

Calyptomena viridis gloriosa Deignan

Proc. Biol. Soc. Washington 60: 121, October 9, 1947.

182844. Adult male. Karangan River, central-eastern Borneo about lat. 1°19′ N., long. 117°42′ E. November 9, 1913. Collected by Harry C. Raven. Original number 1114.

Genus PSARISOMUS Swainson

Psarisomus dalhousiae cyanicauda Riley

Proc. Biol. Soc. Washington 48: 54, May 3, 1935.

333786. Adult male. Khao Sa Bap (lat. 12°35′ N., long. 102°15′ E.), Chanthaburi Province, southeastern Siam. November 19 (not 9), 1933. Collected by Hugh McC. Smith. Original number 6704.

Psarisomus dalhousiae divinus Deignan

Proc. Biol. Soc. Washington 60: 120, October 9, 1947.

360744. Adult female. Lang Bian Mountains (about lat. 12°02′ N., long. 108°26′ E.), Haut-Donaï Province, southern Annam. December 1939. Collected by Joseph F. C. Rock. Original number 1155.

Genus SERILOPHUS Swainson

Serilophus lunatus aphobus Deignan

Journ. Washington Acad. Sci. 38 (3): 109, March 13, 1948.

330375. Adult female (not male). Khao Laem (a mountain of the San Kamphaeng Range at lat. 14°25′ N., long. 101°30′ E.), at the southwestern corner of the Eastern Plateau, Siam. December 28, 1930. Collected by Hugh McC. Smith. Original number 4432.

Genus EURYLAIMUS Horsfield

Eurylaimus javanicus friedmanni Deignan

Proc. Biol. Soc. Washington 60: 120, October 9, 1947.

331966. Adult male. Sathani Hin Lap (lat. 14°40′ N., long. 101°10′ E.), eastern Siam. December 7, 1931. Collected by Hugh McC. Smith. Original number 5205.

Eurylaimus ochromalus mecistus Oberholser

Smithsonian Misc. Coll. 60 (7): 8, Oct. 26, 1912.

179175. Adult female. Pulau Tuangku, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. January 29, 1902. Collected by William L. Abbott.

Genus CORYDON Lesson

Corydon sumatranus ardescens Deignan

Proc. Biol. Soc. Washington 60: 119, October 9, 1947.

333792. Adult female. Khao Sa Bap (lat. 12°35′ N., long. 102°15′ E.), Chanthaburi Province, southeastern Siam. November 20, 1933. Collected by Hugh McC. Smith. Original number 6715.

Corydon sumatranus khmerensis Deignan

Proc. Biol. Soc. Washington 60: 120, October 9, 1947.

278370. Adult male. Da Ban (lat. 12°38′ N., long. 109°06′ E.), Phanrang Province, southern Annam. March 23, 1918. Collected by Cecil Boden Kloss.

Corydon sumatranus morator Deignan

Proc. Biol. Soc. Washington 60: 119, October 9, 1947.

324561. Adult female. Ban Sichon (lat. 9°00′ N., long. 99°55′ E.), peninsular Siam. September 3, 1929. Collected by Hugh McC. Smith. Original number 3282.

Corydon sumatranus pallescens Deignan

Proc. Biol. Soc. Washington 60: 119, October 9, 1947.

=*Corydon sumatranus sumatranus* (Raffles), *fide* Deignan MS.

210611. Adult male. Semangko Pass (elev. 2,500–4,500 feet), Selangor-Pahang Boundary, Malaya. February 23, 1908. Collected by collectors for the Selangor State Museum. Received from the Selangor State Museum (where it was No. 630/08).

Family DENDROCOLAPTIDAE: Wood-hewers

Genus DENDROCINCLA G. R. Gray

Dendrocincla ridgwayi Oberholser

Proc. Acad. Nat. Sci. Philadelphia 56 (2): 449 (in key), 453, June 29, 1904.

=*Dendrocincla fuliginosa ridgwayi* Oberholser. See Peters, Checklist of birds of the world 7: 14, 1951.

64819. Adult male. "Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). 1873. Collected by José C. Zeledón. Original number 439. Received from William M. Gabb.

Dendrocincla meruloides aphanta Oberholser

Proc. Acad. Nat. Sci. Philadelphia 56 (2): 450 (in key), 460, June 29, 1904.

=*Dendrocincla fuliginosa meruloides* (Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 4: 366, 1925; Peters, Checklist of birds of the world 7: 14, 1951.

74883. Adult (sex not indicated; not female). Tobago Island, Caribbean Sea. April 1878. Collected by Frederick A. Ober. Original number 53.

Dendrocincla rufo-olivacea Ridgway

Proc. U.S. Nat. Mus. 10: 490 (in key), 493, January 6, 1888.

=*Dendrocincla fuliginosa rufo-olivacea* Ridgway. See Peters, Checklist of birds of the world 7: 15, 1951.

112231. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. June 15, 1887. Collected by Clarence B. Riker.

Dendrocincla enalincia Oberholser

Proc. Acad. Nat. Sci. Philadelphia 56 (2): 449 (in key), 454, June 29, 1904.

=*Dendrocincla fuliginosa turdina* (Lichtenstein). See Peters, Checklist of birds of the world 7: 15, 1951.

177707. Adult (sex not indicated). Baurú (on the Rio Feio), State of São Paulo, Brazil. 1901. Collected by Ernesto Garbe. Received from the Museu Paulista, São Paulo, where it was No. 1995.

Dendrocincla anabatina typhla Oberholser

Proc. Acad. Nat. Sci. Philadelphia 56 (2): 449 (in key), 452, June 29, 1904.

167499. Adult male. Puerto Morelos, State of Yucatán, México. March 12, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7699. Received from the U.S. Fish and Wildlife Service.

Dendrocincla castanoptera Ridgway

Proc. U.S. Nat. Mus. 10: 490 (in key), 494, January 6, 1888.

=*Dendrocincla merula castanoptera* Ridgway. See Peters, Checklist of birds of the world 7: 17, 1951.

112280. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. July 15, 1887. Collected by Jessie (Mrs. Clarence B.) Riker.

Dendrocincla homochroa acedesta Oberholser

Proc. Acad. Nat. Sci. Philadelphia 56 (2): 449 (in key), 462, June 29, 1904.

62043. Adult (sex not indicated; not male). Volcán de Chiriquí, Department of Chiriquí, Panamá. Entered into the museum register on November 10, 1872. Collected by Enrique Arcé. Original number 3880. Received from Osbert Salvin.

Genus DECONYCHURA Cherrie

Deconychura typica Cherrie

Proc. U.S. Nat. Mus. 14: 339, September 4, 1891.

=*Deconychura longicauda typica* Cherrie. See Peters, Checklist of birds of the world 7: 18, 1951.

119943. Adult female. Pozo Azul de Pirrís (a region of heavy forest on the Río Grande de Pirrís, about ten miles from the Pacific Ocean), Province of San José, Costa Rica. September 9 (not 7), 1889. Collected by José C. Zeledón. Received from the Museo Nacional de Costa Rica, where it was No. 3320.

Genus SITTASOMUS Swainson

Sittasomus sylvioides jaliscensis Nelson

Auk 17 (3) : 264, July 1900.

=*Sittasomus griseicapillus jaliscensis* Nelson. See Peters, Checklist of birds of the world 7: 19, 1951.

156012. Adult male. San Sebastián, State of Jalisco, México. March 17, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3889. Received from the U.S. Fish and Wildlife Service.

Sittasomus æquatorialis Ridgway

Proc. U.S. Nat. Mus. 14: 508 (in key), 509, October 31, 1891.

=*Sittasomus griseicapillus aequatorialis* Ridgway. See Peters, Checklist of birds of the world 7: 20, 1951.

5012. Adult (sex not indicated). Guayaquil, Province of Guayas, Ecuador. Entered into the museum register on March 26, 1868. Collected by Alcides Destruge.

Genus GLYPHORYNCHUS zu Wied

Glyphorhynchus pectoralis Sclater and Salvin

Proc. Zool. Soc. London 28 (2) : 299, August 1860.

=*Glyphorhynchus spirurus pectoralis* Sclater and Salvin. See Peters, Checklist of birds of the world 7: 22, 1951.

30770. Adult (sex not indicated). Choctum, Department of Alta Vera Paz, Guatemala. January 1860. Collected by Osbert Salvin. Original number 1062. Received from Osbert Salvin.

Two other cotypes, with similar data, are in the collection of the British Museum (see Sclater, Catalogue of the Birds in the British Museum 15: 125, 1890). The second specimen there listed is probably the type also of *Glyphorhynchus major* Sclater, 1862.

Genus XIPHOCOLAPTES Lesson

Xiphocolaptes emigrans omiltemensis Nelson

Proc. Biol. Soc. Washington 16: 153, November 30, 1903.

=*Xiphocolaptes promeropirhynchus omiltemensis* Nelson. See Peters, Checklist of birds of the world 7: 27, 1951.

185530. Adult male. Omilteme, State of Guerrero, México. May 19, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9900. Received from the U.S. Fish and Wildlife Service.

Xiphocolaptes sclateri Ridgway

Proc. U.S. Nat. Mus. 12: 6, February 5, 1890.

=*Xiphocolaptes promeropirhynchus sclateri* Ridgway. See Peters, Checklist of birds of the world 7: 27, 1951.

37442. Adult (sex not indicated). Mount Orizaba, State of Veracruz, México. Entered into the museum register on April 29, 1865. Collected by A. L. François Sumichrast. Original number 106.

Xiphocolaptes emigrans costaricensis Ridgway

Proc. U.S. Nat. Mus. 11: 541, September 20, 1889; Proc. U.S. Nat. Mus. 12: 8, February 5, 1890.

=*Xiphocolaptes promeropirhynchus costaricensis* Ridgway. See Peters, Checklist of birds of the world 7: 27, 1951.

115041. Adult male. Naranjo de Cartago=Juan Viñas, Province of Cartago, Costa Rica. August 1886. Collected by José C. Zeledón. Received from the Museo Nacional de Costa Rica, where it was No. 2005.

X[iphocolaptes]. saturatus Ridgway

Proc. U.S. Nat. Mus. 12: 14, February 5, 1890.

=*Xiphocolaptes promeropirhynchus ignotus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 4: 282, 1925.

101287. Adult (sex not indicated). "Guayaquil, Ecador," error="the interior of Ecuador" (*fide* Jones, *in epist.* November 11, 1884). Entered into the museum register on January 5, 1885. Received from William H. Jones, who acquired it, with other birds, from "Mr. Cartright Agt. P.S.N. Co. Guayaquil as a gift" (*in epist. cit.*).

Xiphocolaptes argentinus Ridgway

Proc. U.S. Nat. Mus. 12: 5, February 5, 1890.

X[iphocolaptes]. albicollis argentinus Ridgway

Proc. U.S. Nat. Mus. 12: 5, February 5, 1890.

=*Xiphocolaptes albicollis albicollis* (Vieillot). See Hellmayr, Catalogue of birds of the Americas 4: 276 (foot note *c*), 1925.

14726. Adult (sex not indicated). "Buenos Aires," Argentina. Not later than September 13, 1841. Received from the National Institute, which acquired it from John K. Townsend.

Ridgway's *X. a. argentinus* is a mere substitute name for *X. argentinus.*

Genus DENDROCOLAPTES Hermann

Dendrocolaptes certhia hyleorus Wetmore

Auk 59 (2) : 265, April 10, 1942.

369011. Adult male. Caracolicito, Department of Magdalena, Colombia. March 25, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11021.

Dendrocolaptes obsoletus Ridgway

Proc. U.S. Nat. Mus. 10: 527, August 6, 1888.

Dendrocolaptes certhia ridgwayi Hellmayr

Nov. Zool. 12 (2): 282, September 20, 1905.

=*Dendrocolaptes certhia ridgwayi* Hellmayr, but see Zimmer, Amer. Mus. Nov. 753: 2–4, 1934.

112283. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. July 11, 1887. Collected by Clarence B. Riker.

Dendrocolaptes certhia ridgwayi is a new name for *Dendrocolaptes obsoletus* Ridgway, not *D. obsoletus* Lichtenstein, 1820, and has the same type specimen. Hellmayr (Catalogue of Birds of the Americas 4: 259, 1925) synonymized his name with *Dendrocolaptes certhia concolor* von Pelzeln, but Zimmer (*loc. cit.*) has shown that specimens from the vicinity of Diamantina are in fact *D. c. concolor* × *medius.* Thus, while the intergradient population is perhaps unworthy of a special designation, yet for convenience it may be known by Hellmayr's name.

Dendrocolaptes validus costaricensis Ridgway

Proc. Biol. Soc. Washington 22: 73, April 17, 1909.

=*Dendrocolaptes picumnus costaricensis* Ridgway. See Peters, Checklist of birds of the world 7: 34, 1951.

210393. Adult male. Laguaria ("a point high up in the Dota Mountains . . . south of Santa Maria [de Dota] and El Copey, and probably nearly 10,000 feet above the sea," *fide* Carriker, Ann. Carnegie Mus. 6: 345, 1910), Province of San José, Costa Rica. June 4, 1908. Collected by Francisco Basulto. [U.S. National] Museum-Zeledón Expedition (1908).

Carriker (*loc. cit.*) gives the type locality as "Lagunaria," but all of Basulto's original labels distinctly spell the word as I have done above.

Genus XIPHORHYNCHUS Swainson

Dendroplex picus dugandi Wetmore and Phelps

Proc. Biol. Soc. Washington 59: 64, March 11, 1946.

=*Xiphorhynchus picus dugandi* (Wetmore and Phelps). See Peters, Checklist of birds of the world 7: 37, 1951.

373327. Adult male. Puerto Sagoc, La Gloria, Department of Magdalena, Colombia. May 24, 1943. Collected by Melbourne A. Carriker, Jr. Original number 3981.

Dendroplex picus choica Wetmore and Phelps

Proc. Biol. Soc. Washington 59: 63, March 11, 1946.

=*Xiphorhynchus picus choica* (Wetmore and Phelps). See Peters, Checklist of birds of the world 7: 37, 1951.

———. Adult male. Borburata, Puerto Cabello, State of Carabobo, Venezuela. May 6, 1945. Collected by William H. Phelps, Jr. Deposited by William H. Phelps, Sr., in whose private collection it is No. 29106.

Dendroplex longirostris Richmond

in Robinson Proc. U. S. Nat. Mus. 18: 674, August 12, 1896.

=*Xiphorhynchus picus longirostris* (Richmond). See Peters, Checklist of birds of the world 7: 37, 1951.

151701. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 1, 1895. Collected by Wirt Robinson Original number 374.

Dendroplex picirostris phalara Wetmore

Smithsonian Misc. Coll. 98 (4) : 4, March 10, 1939.

=*Xiphorhynchus picus phalara* (Wetmore). See Peters, Checklist of birds of the world 7: 37, 1951.

351915. Subadult? male. El Sombrero, State of Guárico, Venezuela. November 14, 1937. Collected by Alexander Wetmore. Original number 9962.

D[endrocolaptes]. Chunchotambo von Tschudi

Archiv für Naturgeschichte 10 (1) : 295, 1844.

=*Xiphorhynchus ocellatus chunchotambo* (von Tschudi). See Zimmer, Amer. Mus. Nov. 756: 17, 1934.

41918. Adult (sex not indicated). "Gebiete des Stammes der Chunchos" =Chanchamayo Valley, Department of Junín, Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

This form was described from an unstated number of specimens. Hellmayr (Catalogue of birds of the Americas 4: 312, 1925) claims to have examined *the* type in Neuchâtel, but the Washington example is an equivalent cotype.

Dendrornis fraterculus Ridgway

Proc. U.S. Nat. Mus. 10: 526, August 6, 1888.

=*Xiphorhynchus spixii spixii* (Lesson). See Hellmayr, Catalogue of birds of the Americas 4: 314, 1925.

120928. Adult male. Diamantina ("Forest 20 miles back from River"), near Santarém and east of the mouth of the Rio Tapajós, State of Pará, Brazil. June 10, 1887. Collected by Clarence B. Riker.

Dendrornis lawrencei costaricensis Ridgway

Proc. U.S. Nat. Mus. 10: 510, August 6, 1888.

=*Xiphorhynchus guttatus costaricensis* (Ridgway). See Peters, Checklist of birds of the world 7: 42, 1951.

41404. Adult male. Tucurrique, Province of Cartago, Costa Rica. March 15, 1865. Collected by Julián (not Francisco) Carmiol. Original number 52.

Dendrornis lawrencei Ridgway

Proc. U.S. Nat. Mus. 10: 509, August 6, 1888.

=*Xiphorhynchus guttatus nanus* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 4: 299, 1925.

53809. Adult male. Panamá. 1862. Collected by James McLeannan.

Dendrornis mentalis "Baird, MS." Lawrence

Ann Lyc. Nat. Hist. New York 8:481 (not earlier than May 13), 1867.

=*Xiphorhynchus flavigaster mentalis* (Lawrence). See Peters, Checklist of birds of the world 7: 44, 1951.

23859. Adult (sex not indicated). Mazatlán, State of Sinaloa, México. Entered into the museum register on January 23, 1862. Collected by John Xántus.

Dendrornis flavigaster megarhynchus Nelson

Auk 17(3): 265, July 1900.

=*Xiphorhynchus flavigaster flavigaster* Swainson. See Van Rossem, Proc. Biol. Soc. Washington 52: 15, 1939.

154633. Adult male. Puerto Ángel, State of Oaxaca, México. March 9, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2546. Received from the U.S. Fish and Wildlife Service.

Xiphorhynchus flavigaster saltuarius Wetmore

Auk 59(2): 266, April 10, 1942.

135161. Adult male. Altamira, State of Tamaulipas, México. November 19, 1894. Collected by Frank B. Armstrong. Received from Walter F. Webb.

Xiphorhynchus flavigaster yucatanensis Ridgway

Proc. Biol. Soc. Washington 22: 73, April 17, 1909.

106292. Adult male. Temax, State of Yucatán, México. December 1884. Collected by George F. Gaumer. Original number 96.

Dendrornis striatigularis Richmond

Proc. U.S. Nat. Mus. 22: 317, May 12, 1900.

=*Xiphorhynchus striatigularis* (Richmond). See Peters, Checklist of birds of the world 7: 45, 1951.

135157. Adult female. Altamira, State of Tamaulipas, México. November 18, 1894. Collected by Frank B. Armstrong. Received from Walter F. Webb.

Dendrornis punctigula "Ridgw. MS." Sclater

Ibis (6) 1 (3): 352 (footnote), July 1889.

Dendrornis punctigula Ridgway

Proc. U.S. Nat. Mus. 11: 544, September 20, 1889.

=*Xiphorhynchus erythropygius punctigula* (Sclater). See Peters, Checklist of birds of the world 7: 46, 1951.

115040. Adult male. Naranjo de Cartago=Juan Viñas, Province of Cartago, Costa Rica. August 1886. Collected by Juan J. Cooper. Received from the Museo Nacional de Costa Rica, where it was No. 2011.

By an accident of publication, Ridgway's name must be accredited to Sclater, who had before him the former's intended type specimen, sent to

London for examination. It is necessary, however, to turn to Ridgway's own formal description to find the data for the type.

Xiphorhynchus punctigula insolitus Ridgway

Proc. Biol. Soc. Washington 22: 73, April 17, 1909.

=*Xiphorhynchus erythropygius insolitus* Ridgway. See Peters, Checklist of birds of the world 7: 46, 1951.

150927. Adult female? Cascajal, Department of Coclé, Panamá. February 13, 1889. Collected by H. T. Heyde and Ernesto Lux. Original number 280.

Xiphorhynchus triangularis hylodromus Wetmore

Smithsonian Misc. Coll. 98 (4) : 2, March 10, 1939.

351930. Adult male. "In the Cordillera de la Costa at 4,500 feet elevation above Rancho Grande," State of Aragua, Venezuela. November 8, 1937. Collected by Alexander Wetmore. Original number 9881.

Genus LEPIDOCOLAPTES Reichenbach

Picolaptes compressus insignis Nelson

Auk 14(1) : 54, January 1897.

=*Lepidocolaptes souleyetii insignis* (Nelson). See Peters, Checklist of birds of the world 7: 48, 1951.

154647. Adult male. Otatitlán, State of Veracruz, México. April 15, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 1938. Received from the U.S. Fish and Wildlife Service.

Picolaptes gracilis Ridgway

Proc. U.S. Nat. Mus. 11: 542, September 20, 1889.

=*Lepidocolaptes souleyetii compressus* (Cabanis). See Hellmayr, Catalogue of birds of the Americas 4: 331, 332, 1925.

115039. Adult female. Monte Redondo, Province of San José, Costa Rica. July 25, 1887. Collected by Anastasio Alfaro. Received from the Museo Nacional de Costa Rica, where it was No. 2017.

Picolaptes affinis neglectus Ridgway

Proc. Biol. Soc. Washington 22: 73, April 17, 1909.

=*Lepidocolaptes affinis neglectus* (Ridgway). See Peters, Checklist of birds of the world 7: 51, 1951.

199582. Adult male. "Coliblanco" (see Carriker, Ann. Carnegie Mus. 6: 338, 1910), Province of Cartago, Costa Rica. May 6, 1905. Collected by Robert Ridgway.

Picolaptes tenuirostris apothetus Oberholser

Proc. Biol. Soc. Washington 14: 188, December 12, 1901.

=*Lepidocolaptes fuscus fuscus* (Vieillot). See Hellmayr, Catalogue of birds of the Americas 4: 332, 333, 1925.

173385. Adult male. Sapucay (on the railway between Asunción and Villarica), Paraguay. June 16, 1900. Collected by William T. Foster. Original number 44.

Genus CAMPYLORHAMPHUS Bertoni

Campylorhamphus trochilirostris major Ridgway

Birds of North and Middle America 6: 269 (footnote *d*), November 29, 1911.

32819. Adult male. Brazil. Entered into the museum register in March 1864. Received from the Maison Verreaux.

Family FURNARIIDAE: Ovenbirds

Genus GEOSITTA Swainson

Geositta longipennis Ridgway

Proc. U.S. Nat. Mus. 12: 133 (footnote), February 5, 1890.

=*Geositta antarctica* Landbeck. See Hellmayr, Catalogue of birds of the Americas 4: 7, 8, 1925.

116173. Adult male (*not* female). Elizabeth Island (not Point), in the Straits of Magellan north by east of Magallanes, Territory of Magallanes, Chile. January 20, 1888. Collected by naturalists of the U.S. Fish Commission Steamer *Albatross*. Received from the U.S. Fish Commission.

Geositta brevirostris W. E. D. Scott

Bull. Brit. Orn. Club 10: 63, April 30, 1900.

=*Geositta antarctica* Landbeck. See Hellmayr, Catalogue of birds of the Americas 4: 7, 8, 1925.

335168. Adult female. Near Monte Tigre (just north of Puerto Gallegos), Territory of Santa Cruz, Argentina. August 14, 1896. Collected by O. A. Petersen. Original number 115. Received from the Princeton Museum of Zoology (where it was No. 7769).

Genus UPUCERTHIA Geoffroy Saint-Hilaire

Upucerthia propinqua Ridgway

Proc. U.S. Nat. Mus. 12: 134, February 5, 1890.

=*Upucerthia dumetaria dumetaria* Geoffroy Saint-Hilaire. See Hellmayr, Catalogue of birds of the Americas 4: 41, 42, 1925.

116224. Immature (not adult) female. Gregory Bay (at about lat. 52°38′ S., long. 70°12′ W.), Territory of Magallanes, Chile. January 18, 1888. Collected by naturalists of the U.S. Fish Commission Steamer *Albatross*. Received from the U.S. Fish Commission.

Genus EREMOBIUS Gould

Henicornis wallisi W. E. D. Scott

Bull. Brit. Orn. Club 10: 63, April 30, 1900.

=*Eremobius phoenicurus* Gould. See Hellmayr, Catalogue of birds of the Americas 4: 51, 52, 1925; Peters, Checklist of birds of the world 7: 64, 1951.

335169. Adult female. "Arroyo Eke," Territory of Santa Cruz, Argentina. May 24, 1898. Collected by Albert E. Colburn. Original number 362. Received from the Princeton Museum of Zoology, where it was No. 7939.

The barbarous word "Eke" (on the original label) or "Aike" (on the map accompanying the official reports of the Expedition) seems to mean a campsite. The locality "Arroyo Eke" is nowhere mentioned in the reports, but the whole of the period from May 3 to June 29, 1898, was spent by Hatcher and Colburn at "a number of springs near a fine meadow, which . . . lay a short distance to the west of Swan Lake" (see Hatcher, Princeton University Expeditions to Patagonia 1 [Narrative and Geography]: 188–190, 1903). Swan Lake is a small body of water fed by Spring Creek, a stream flowing eastward from the eastern base of Mount Belgrano. The provenience of the type specimen thus seems to be along Spring Creek, just west of its debouchment into Swan Lake.

Genus LEPTASTHENURA Reichenbach

Leptasthenura montivagans Riley

Proc. Biol. Soc. Washington 18: 219, October 17, 1905.

=*Leptasthenura andicola certhia* (von Madarász). See Hellmayr, Catalogue of birds of the Americas 4: 66, 1925.

190383. Adult male. San Antonio de Caparro (elev. 3,500 meters), State of Táchira, Venezuela. July 20, 1903. Collected by Salomón Briceño Gabaldón and sons.

Leptasthenura andicola peruviana Chapman

Bull. Amer. Mus. Nat. Hist. 41: 327, September 1, 1919.

273001. Adult female. La Raya (elev. 14,000 feet), at the head of the Urubamba River, Department of Puno, Perú. April 12, 1917. Collected by Harry Watkins. Original number 899. National Geographic Society-Watkins Expedition.

Leptasthenura xenothorax Chapman

Amer. Mus. Nov. 18: 8, September 22, 1921.

273010. Adult male. Above Torontoy (at elev. 14,000 feet), Department of Cuzco, Perú. May 14, 1915. Collected by Edmund Heller. Original number 97. Yale University-National Geographic Society Peruvian Expedition.

Genus SYNALLAXIS Vieillot

Synallaxis spixi notius Oberholser

Proc. U.S. Nat. Mus. 25: 60, August 30, 1902.

=*Synallaxis spixi* Sclater. See Hellmayr, Catalogue of birds of the Americas 4: 85, 86, 1925; Peters, Checklist of birds of the world 7: 84, 1951.

55783. Adult male. Conchitas (a station of the Ferrocarril del Sud, which, on December 28, 1930, was officially renamed Estación Hudson), near

Quilmes, Province of Buenos Aires, Argentina. November 1868. Collected by William H. Hudson. Original number 107.

Synallaxis hypospodia Sclater

Proc. Zool. Soc. London, for 1874 (1) : 10, June 1874.

90572. Adult (sex not indicated). Near Bahia=São Salvador, State of Bahia, Brazil. Collected by — Wucherer. Received from Osbert Salvin and Frederick DuC. Godman, of whose private collection it formed a part.

Sclater based this form upon an unstated number of cotypes in the Sclater and Salvin-Godman Collections, and made definite reference only to Wucherer-taken skins from the neighborhood of Bahia. In 1890 (Catalogue of the Birds in the British Museum 15: 45), he claimed that a specimen formerly in his own collection, with provenience simply "Brazil" and name of collector unknown, was the type. If any one specimen is to be considered *the* type, it must obviously be selected from among the three adult skins, *a*, *b*, and *c*, of the Salvin-Godman Collection and our No. 90572, which alone have the requisite data; all, however, are in fact equivalent cotypes.

Synallaxis albescens hypoleuca Ridgway

Proc. Biol. Soc. Washington 22: 73, April 17, 1909.

150814. Adult (sex not indicated). Natá, Department of Coclé, Panamá. March 31, 1889. Collected by H. T. Heyde and Ernesto Lux. Original number 146.

Synallaxis nigrifumosa Lawrence

Ann. Lyc. Nat. Hist. New York 8: 180 (not earlier than October 23), 1865.

=*Synallaxis brachyura nigrifumosa* Lawrence. See Hellmayr, Catalogue of birds of the Americas 4: 91, 1925.

40427. Adult (sex not indicated). Greytown=San Juan del Norte, Department of Chontales, Nicaragua. 1864–1865. Collected by H. E. Holland. Original number 48.

As a result of faulty pagination, Lawrence's original description appears on p. 181 of the separates!

Synallaxis albilora von Pelzeln

Sitzungsb. Akad. Wiss. Wien (Math.-Naturw. Classe) 20: 160 (not earlier than March 13), 1856.

=*Synallaxis gujanensis albilora* von Pelzeln. See Hellmayr, Catalogue of birds of the Americas 4: 96, 1925.

34999. Adult (sex not indicated). Cuiabá, State of Mato Grosso, Brazil. October 26, 1827–January 8, 1828. Collected by Johann Natterer. Original number 646. Received from the Naturhistorisches Museum, Vienna.

At the first description, von Pelzeln says: "Von Cuyaba in mehreren Exemplaren gesammelt." At least one cotype, formerly part of the Sclater Collection, is now in the British Museum; the others are presumably still preserved at Vienna.

Genus CRANIOLEUCA Reichenbach

Cranioleuca albicapilla albigula Zimmer

Publ. Field Mus. Nat. Hist. (zool. ser.) 12 (4) : 56, April 19, 1924.

273175. Adult male. Cedrobama (elev. 12,000 feet), near Machu Picchu, Department of Cuzco, Perú. June 14, 1915. Collected by Edmund Heller. Original number 175. Yale University-National Geographic Society Peruvian Expedition.

Cranioleuca vulpina dissita Wetmore

Smithsonian Misc. Coll. 134 (9) : 55, July 8, 1957.

460809. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. January 20 (not 21), 1956. Collected by Alexander Wetmore. Original number 20353.

Genus ASTHENES Reichenbach

Siptornis urubambensis Chapman

Bull. Amer. Mus. Nat. Hist. 41 (5) : 328, September 1, 1919.

=*Asthenes urubambensis urubambensis* (Chapman). See Peters, Checklist of birds of the world 7: 110, 1951.

273006. Adult male. Above Machu Picchu (at elev. 14,000 feet), Department of Cuzco, Perú. June 5, 1915. Collected by Edmund Heller. Original number 151. Yale University-National Geographic Society Peruvian Expedition.

Genus PHACELLODOMUS Reichenbach

Phacellodomus inornatus Ridgway

Proc. U.S. Nat. Mus. 10: 152, July 2, 1887.

=*Phacellodomus rufifrons inornatus* Ridgway. See Peters, Checklist of birds of the world 7: 111, 1951.

89794. Adult male. Caracas, Distrito Federal, Venezuela. August 4, 18— (before May–June 1869). Collected by W. B. Gilbert. Original number 43. Received from the Williams College Lyceum of Natural History.

Genus XENERPESTES von Berlepsch

Xenerpestes minlosi umbraticus Wetmore

Smithsonian Misc. Coll. 117 (2) : 4, September 25, 1951.

443152. Adult male. Río San Juan, at Punto Muchimbo, Department of Valle del Cauca, Colombia. December 24, 1950. Collected by Melbourne A. Carriker, Jr. Original number 19079.

Genus MARGARORNIS Reichenbach

Margarornis bellulus Nelson

Smithsonian Misc. Coll. 60 (3) : 12, September 12, 1912.

238070. Adult male. Mount Pirri (at elev. 4,500 feet), near the head of the Río Limón, Department of Darién, Panamá. May 1, 1912. Collected by Edward A. Goldman. Original number 15636. Received from the U.S. Fish and Wildlife Service.

Margarornis rubiginosa Lawrence

Ann. Lyc. Nat. Hist. New York 8: 128 (not earlier than May 1), 1865.

=*Margarornis rubiginosus rubiginosus* Lawrence. See Peters, Checklist of birds of the world 7: 117, 1951.

33384. Adult (sex not indicated). San José, Province of San José, Costa Rica. Entered into the museum register on March 24, 1864. Collected by Alexander von Frantzius. Original number 78.

The immature cotype, No. 33385, has vanished from our collection, and its present whereabouts is unknown.

Genus PREMNOPLEX Cherrie

Premnoplex brunnescens mnionophilus Wetmore

Smithsonian Misc. Coll. 117 (2) : 6, September 25, 1951.

433674 (not 443674). Adult male. South face of Cerro Campana (at elev. 3,000 feet), Department of Panamá, Panamá. March 19, 1951. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 16437.

Genus PSEUDOCOLAPTES Reichenbach

Pseudocolaptes lawrencii "(Ridgway, MS.)" Ridgway

Proc. U.S. Nat. Mus. 1: 253, January? 1879?

=*Pseudocolaptes lawrencii lawrencii* Ridgway. See Peters, Checklist of birds of the world 7: 119, 1951.

75329. Adult male. La Palma de San José, Province of San José, Costa Rica. September 19, 1875. Collected by José C. Zeledón. Received from José C. Zeledón, in whose private collection it was No. 744.

75330. Immature male. La Palma de San José, Province of San José, Costa Rica. September 19, 1875. Collected by José C. Zeledón. Received from José C. Zeledón, in whose private collection it was No. 746.

Pseudocolaptes boissoneautii oberholseri Cory

Auk 36(2) : 275, April 8, 1919.

=*Pseudocolaptes boissonneautii boissonneautii* (Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 4: 178, 1925.

30945. Adult (sex not indicated; not male). "Quito," Ecuador. Entered into the museum register on December 18, 1863. Received from Charles R. Buckalew.

Genus BERLEPSCHIA Ridgway

Picolaptes rikeri Ridgway

Proc. U.S. Nat. Mus. 9: 523, February 14, 1887.

=*Berlepschia rikeri* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 4: 181, 1925.

109221. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. August 1, 1884. Collected by Clarence B. Riker.

Genus HYLOCTISTES Ridgway

Philydor virgatus Lawrence

Ann. Lyc. Nat. Hist. New York 8: 468 (not earlier than May 13), 1867.

=*Hyloctistes subulatus virgatus* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 4: 186, 1925.

42959. Adult female. Angostura, Province of Cartago, Costa Rica. July 10 (not October 7), 1866. Collected by Julián Carmiol. Original number 20.

Genus SYNDACTYLA Reichenbach

Xenicopsis percnopterus Oberholser

Proc. U.S. Nat. Mus. 25: 61, August 30, 1902.

=*Syndactyla rufosuperciliata rufosuperciliata* (Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 4: 188, 189, 1925; Peters, Checklist of birds of the world 7: 125, 1951.

177706. Adult male. Alto da Serra, State of São Paulo, Brazil. August 12 (not 8), 1899. Collected by J. Lima. Received from the Museu Paulista, São Paulo, where it was No. 387.

Anabazenops acritus Oberholser

Proc. Biol. Soc. Washington 14: 187, December 12, 1901.

=*Syndactyla rufosuperciliata acrita* (Oberholser). See Peters, Checklist of birds of the world 7: 125, 1951.

173384. Adult male. Sapucay (on the railway between Asunción and Villarrica), Paraguay. June 14, 1900. Collected by William T. Foster. Original number 34.

Anabazenops lineatus Lawrence

Ann. Lyc. Nat. Hist. New York 8: 127 (not earlier than May 1), 1865.

=*Syndactyla subalaris lineata* (Lawrence). See Peters, Checklist of birds of the world 7: 125, 1951.

34766. Adult female. Barranca (not Angostura), on the slopes of the Volcán de Poas, Province of Alajuela, Costa Rica. April 21, 1864. Collected by Julián Carmiol.

Genus ANABACERTHIA Lafresnaye

A[nabates]. montanus von Tschudi

Archiv für Naturgeschichte 10 (1): 295, 1844.

=*Anabacerthia striaticollis montana* (von Tschudi). See Peters, Checklist of birds of the world 7: 128, 1951.

41923. Adult (sex not indicated). Perú="wooded region of Peru, between 10° and 12° lat. south" (see Hellmayr, Catalogue of birds of the Americas 4: 195–196, 1925). Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

While Hellmayr (*op. cit.*) claims to have examined the type in the Neuchâtel Museum, the example in question can be only a cotype. Still others may be in existence, although Friedmann and Deignan (Zoologica 27: 51, 1942) erred in attributing to the British Museum Collection the specimen discussed by Sclater (Proc. Zool. Soc. London, p. 86, 1871), who was writing in fact of our own No. 41923.

Genus PHILYDOR von Spix

Philydor hylobius Wetmore and W. H. Phelps, Jr.

Proc. Biol. Soc. Washington 69(1): 4, May 21, 1956.

———. Adult (sex not indicated). "Cerro Jimé"=Cerro de la Neblina (at elev. 1,800 meters), Territory of Amazonas, Venezuela. January 26, 1954. Collected by Ramón Urbano. Deposited by William H. Phelps, Sr., in whose private collection it is No. 59683.

Automolus rufescens Lawrence

Ann. Lyc. Nat. Hist. New York 8: 345 (not earlier than June 25), 1866.

=*Philydor rufus panerythrus* Sclater. See Peters, Checklist of birds of the world 7: 131, 1951.

39065. Adult female. Birrís, Province of Cartago, Costa Rica. May 15, 1865. Collected by José C. Zeledón (not Paledon), for Alexander von Frantzius. Original number 194.

Genus AUTOMOLUS Reichenbach

Automolus leucophthalmus lammi Zimmer

Proc. Biol. Soc. Washington 60: 100, August 22, 1947.

383292. Adult male. Recife, State of Pernambuco, Brazil. August 12, 1945. Collected by Donald W. Lamm.

Automolus pectoralis Nelson

Auk 14(1): 54, January 1897.

=*Automolus rubiginosus guerrerensis* Salvin and Godman. See Hellmayr, Catalogue of birds of the Americas 4: 216, 1925.

154672. Adult male. Pluma, State of Oaxaca, México. March 18, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2571. Received from the U.S. Fish and Wildlife Service.

Automolus cervinigularis hypophæus Ridgway

Proc. Biol. Soc. Washington 22: 72, April 17, 1909.

=*Automolus ochrolaemus hypophaeus* Ridgway. See Peters, Checklist of birds of the world 7: 138, 1951.

209532. Adult male. Río Reventazón, at Guayabo Station, Province of Cartago, Costa Rica. March 16 (not 19), 1908. Collected by Francisco Basulto, for Robert Ridgway and José C. Zeledón. Original number 337. Museum-Zeledón Expedition.

A[nabates]. ochrolaemus von Tschudi

Archiv für Naturgeschichte 10 (1): 295, 1844.

=*Automolus ochrolaemus ochrolaemus* (von Tschudi). See Peters, Checklist of birds of the world 7: 138, 1951.

41915. Adult (sex not indicated). Perú="forest region of Peru, between 10° and 12° S. lat." (see Hellmayr, Catalogue of birds of the Americas 4: 219, 1925). Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

Hellmayr (*op. cit.*) claims to have examined the type in the Neuchâtel Museum, and at least one other cotype, originally part of the Sclater Collection, is now in the British Museum.

Genus THRIPADECTES Sclater

Philydor rufobrunneus Lawrence

Ann. Lyc. Nat. Hist. New York 8: 127 (not earlier than May 1), 1865.

=*Thripadectes rufobrunneus* (Lawrence). See Peters, Checklist of birds of the world 7: 142, 1951.

33389. Adult (sex not indicated). "San José," Costa Rica. Entered into the museum register on March 24, 1864. Collected by Alexander von Frantzius. Original number 92.

Lawrence (Ann. Lyc. Nat. Hist. New York 9: 106, 1868) made reference to a specimen of this form taken by Julián Carmiol at Barranca. The example in question, No. 34770, bears, in Lawrence's hand, the word "Type," just as does No. 33389, and von Berlepsch (Proc. U.S. Nat. Mus. 11: 565, 1888) accordingly speaks of No. 34770 as the type. Since, however, at the original description of *rufobrunneus* von Frantzius alone is mentioned as collector, it is very doubtful whether Carmiol's bird may be considered even a paratype.

Genus SCLERURUS Swainson

Sclerurus canigularis Ridgway

Proc. U.S. Nat. Mus. 11: 542, September 20, 1889; Proc. U.S. Nat. Mus. 12: 24, February 5, 1890.

=*Sclerurus albigularis canigularis* Ridgway. See Peters, Checklist of birds of the world 7: 148, 1951.

115038. Adult male. Turrialba, Province of Cartago, Costa Rica. August 1886. Collected by Juan J. Cooper. Received from the Museo Nacional de Costa Rica, where it was No. 2014.

Sclerurus guatemalensis ennosiphyllus Wetmore

Smithsonian Misc. Coll. 117 (2) : 7, September 25, 1951.

392775. Adult female. Volador (25 miles west of Simití), elevation 2,600 feet, State of Bolívar, Colombia. May 27, 1947. Collected by Melbourne A. Carriker, Jr. Original number 11123.

Genus LOCHMIAS Swainson

Lochmias nematura nelsoni Aldrich

Auk 62 (1) : 113, January 29, 1945.

238033. Adult male. Mount Pirri (at elevation 4,500 feet), near the head of the Río Limón, Department of Darién, Panamá. May 1, 1912. Collected by Edward A. Goldman. Original number 15635. Received from the U.S. Fish and Wildlife Service.

Family FORMICARIIDAE: Ant-thrushes

Genus CYMBILAIMUS G. R. Gray

Cymbilanius lineatus fasciatus Ridgway

In Nutting, Proc. U.S. Nat. Mus. 6: 404, footnote, April 26, 1884.

=*Cymbilaimus lineatus fasciatus* (Ridgway). See Peters, Checklist of birds of the world 7: 154, 1951.

34774. Adult female. Angostura, Province of Cartago, Costa Rica. June 4, 1864. Collected by Julián Carmiol.

53807. Adult female. Panamá. 1862? Collected by James McLeannan.

64770. Adult female. Sipurio, "Talamanca," Costa Rica or Panamá (contested territory). April 22, 1873. Collected by José C. Zeledón. Original number 340. Received from William M. Gabb.

91252. Adult female. Hacienda "Los Sábalos" (on the Río San Juan, about 30 miles from the east shore of Lake Nicaragua), Department of Chontales, Nicaragua. May 5, 1883. Collected by Charles C. Nutting. Original number 856.

The late Chales W. Richmond set aside as the type a male, No. 91251, from "Los Sábalos." A careful reading of Ridgway's unsatisfactory original description will show that *fasciatus* was separated only because four Central American females seemed to differ from one Cayenne female, and that the type must therefore be a female. But by the rules adopted for this study, all of the four northern females seen by Ridgway are considered cotypes; the one Nicaraguan specimen is in addition an exact topotype as a result of subsequent restriction of type locality.

Genus TARABA Lesson

Thamnophilus Hollandi Lawrence

Ann. Lyc. Nat. Hist. New York 8: 180 (not earlier than October 23), 1865.

=*Taraba major melanocrissus* (Sclater). See Hellmayr, Catalogue of birds of the Americas 3: 51, 52, 1924; Peters, Checklist of birds of the world 7: 157, 1951.

40433. Adult male. Greytown=San Juan del Norte, Department of Chontales, Nicaragua. 1864–1865. Collected by H. E. Holland. Original number 17.

40432. Adult female. Greytown=San Juan del Norte, Department of Chontales, Nicaragua. 1864–1865. Collected by H. E. Holland. Original number 16.

As a result of faulty pagination, Lawrence's original description appears on p. 181 of the separates!

Thamnophilus albicrissus Ridgway

Proc. U.S. Nat. Mus. 14: 481, October 22, 1891.

=*Taraba major semifasciatus* (Cabanis). See Hellmayr, Catalogue of birds of the Americas 3: 48, 49, 1924.

85497. Adult male. "Trinidad?" Entered into the museum register on November 7, 1881. Purchased from J. M. Southwick and F. T. Jencks, of Providence, R.I.

Genus SAKESPHORUS Chubb

Thamnophilus trinitatis Ridgway

Proc. U.S. Nat. Mus. 14: 481, October 22, 1891.

=*Sakesphorus canadensis trinitatis* (Ridgway). See Peters, Checklist of birds of the world 7: 160, 1951.

32848. Adult male. Trinidad Island, Caribbean Sea east of the Venezuelan State of Sucre. Entered into the museum register in March 1864. Received from the Maison Verreaux.

Genus THAMNOPHILUS Vieillot

Thamnophilus doliatus yucatanensis Ridgway

Proc. Biol. Soc. Washington 21: 193, October 20, 1908.

147405. Adult male. Temax, State of Yucatán, México. 1883. Collected by George F. Gaumer. Received from Adolphe Boucard.

Thamnophilus intermedius Ridgway

Proc. U.S. Nat. Mus. 10: 581, August 6, 1888.

=*Thamnophilus doliatus intermedius* Ridgway. See Peters, Checklist of birds of the world 7: 163, 1951.

112555. Adult male. Trujillo, Department of Colón, Honduras. September 27, 1887. Collected by Charles H. Townsend.

Thamnophilus doliatus pacificus Ridgway

Proc. Biol. Soc. Washington 21: 193, October 20, 1908.

210721. Adult male. Chinandega, Department of Chinandega, Nicaragua. 1864. Collected by Fred Hicks. Received from the Williams College Lyceum of Natural History, through Albert Hopkins.

Thamnophilus doliatus eremnus Wetmore

Smithsonian Misc. Coll. 134 (9) : 58, July 8, 1957.

460815. Adult female. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. January 22, 1956. Collected by Alexander Wetmore. Original number 20389.

Thamnophilus inornatus Ridgway

Proc. U.S. Nat. Mus. 10: 522, August 6, 1888.

=*Thamnophilus schistaceus inornatus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 3: 87, 1924.

120949. Adult male. Diamantina ("Deep woods on mountain"), near Santarém and east of the mouth of the Rio Tapajós, State of Pará, Brazil. June 30, 1887. Collected by Clarence B. Riker. Original number 59.

Thamnophilus tephrogaster Oberholser

Proc. U.S. Nat. Mus. 25: 59, August 30, 1902.

=*Thamnophilus caerulescens caerulescenes* Vieillot. See Hellmayr, Catalogue of birds of the Americas 3: 100, 102, 1924.

32846. Adult male. "Bahia," Brazil. Entered into the museum register in March 1864. Received from the Maison Verreaux.

Thamnophilus ochrus Oberholser

Proc. Biol. Soc. Washington 14: 188, December 12, 1901.

=*Thamnophilus caerulescens caerulescens* Vieillot. See Hellmayr, Catalogue of birds of the Americas 3: 100, 102, 1924.

173378. Adult female. Sapucay (on the railway between Asunción and Villarica), Paraguay. June 24, 1900. Collected by William T. Foster. Original number 58.

Genus THAMNISTES Sclater and Salvin

Thamnistes anabatinus Sclater and Salvin

Proc. Zool. Soc. London 28 (2) : 299, August 1860.

=*Thamnistes anabatinus anabatinus* Sclater and Salvin. See Peters, Checklist of birds of the world, 7: 181, 1951.

30794. Adult male. Choctum, Department of Alta Vera Paz, Guatemala. January 1860. Collected by Osbert Salvin. Original number 1142. Received from Osbert Salvin.

30793. Adult female. Choctum, Department of Alta Vera Paz, Guatemala. January 1860. Collected by Osbert Salvin. Original number 1140. Received from Osbert Salvin.

At least three other cotypes are in the collection of the British Museum (see Sclater, Catalogue of the birds in the British Museum 15: 216, 1890).

Thamnistes anabatinus saturatus Ridgway

Proc. Biol. Soc. Washington 21: 193, October 20, 1908.

199066. Adult male. Bonilla (elev. 2,600 feet), Province of Limón, Costa Rica. April 8, 1905. Collected by Robert Ridgway.

Thamnistes anabatinus coronatus Nelson

Smithsonian Misc. Coll. 60 (3) : 9, September 27, 1912.

238537. Adult male. Santa Cruz de Cana (elev. 3,500 feet), Department of Darién, Panamá. June 6, 1912. Collected by Edward A. Goldman. Original number 15845. Received from the U.S. Fish and Wildlife Service.

Genus DYSITHAMNUS Cabanis

Dysithamnus mentalis septentrionalis Ridgway

Proc. Biol. Soc. Washington 21: 193, October 20, 1908.

30784. Adult (sex not indicated). Choctum, Department of Alta Vera Paz. 1861. Collected by Osbert Salvin. Original number 1149. Received from Osbert Salvin.

Dysithamnus mentalis suffusus Nelson

Smithsonian Misc. Coll. 60 (3) : 10, September 27, 1912.

238043. Adult male. Mount Pirri (on the eastern slope at elev. 4,000 feet), near the head of the Río Limón, Department of Darién, Panamá. May 6, 1912. Collected by Edward A. Goldman. Original number 15676. Received from the U.S. Fish and Wildlife Service.

Dysithamnus mentalis oberi Ridgway

Proc. Biol. Soc. Washington 21: 193, October 20, 1908.

115046 (=74896). Adult male. Tobago Island, Caribbean Sea. May 1878. Collected by Frederick A. Ober. Original number 253.

This specimen was entered into the museum register on September 18, 1878, as No. 74896, but by an oversight no indication of the fact was added to the label; on December 10, 1888, found in the collection without a number attached, it was reentered as No. 115046.

Dysithamnus striaticeps Lawrence

Ann. Lyc. Nat. Hist. New York 8: 130 (not earlier than May 1), 1865.

34792. Adult male. Angostura, Province of Cartago, Costa Rica. June 14, 1864. Collected by Julián Carmiol.

Genus MYRMOTHERULA Sclater

Formicivora schisticolor Lawrence

Ann. Lyc. Nat. Hist. New York 8:172 (not earlier than October 23), 1865.

=*Myrmotherula schisticolor schisticolor* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 3: 152, 1924.

39079. Adult male. Turrialba, Province of Cartago, Costa Rica. May 26, 1865. Collected by Francisco Carmiol.

Hellmayr (*loc. cit.*) errs in his asseveration that Lawrence's original description applies to a juvenal male.

As a result of faulty pagination, Lawrence's diagnosis appears on p. 173 of the separates!

Myrmotherula modesta Lawrence

Ann. Lyc. Nat. Hist. New York 9 (1–4) : 108, April 1868.

=*Myrmotherula schisticolor schisticolor* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 3: 152, 1924.

41432. Immature male. Grecia, Province of Alajuela, Costa Rica. October 9, 1865. Collected by Francisco Carmiol.

47486. Immature female. Santa María de Dota, Province of San José, Costa Rica. October 3, 1866. Collected by Francisco Carmiol.

Genus DICHROZONA Ridgway

Dichrozona zononota Ridgway

Proc. U.S. Nat. Mus. 10: 524, August 6, 1888.

=*Dichrozona cincta zononota* Ridgway. See Peters, Checklist of birds of the world 7: 200, 1951.

120958. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. July 4 (not 11), 1887. Collected by Clarence B. Riker. Original number 6.

Genus MYRMORCHILUS Ridgway

Myrmorchilus strigilatus suspicax Wetmore

Journ. Washington Acad. Sci. 12 (14) : 327, August 19, 1922.

283862. Adult male. The Riacho Pilago, 10 miles NW. of Kilometer 182 on the Ferrocarril del Estado, Territory of Formosa, Argentina. August 11, 1920. Collected by Alexander Wetmore. Original number 4712. Received from the U.S. Fish and Wildlife Service.

Genus HERPSILOCHMUS Cabanis

Herpsilochmus rufimarginatus exiguus Nelson

Smithsonian Misc. Coll. 60 (3) : 11, September 27, 1912.

238539. Adult male. Santa Cruz de Cana (elev. 3,500 feet), Department of Darién, Panamá. June 6, 1912. Collected by Edward A. Goldman. Original number 15844. Received from the U.S. Fish and Wildlife Service.

Genus FORMICIVORA Swainson

Drymophila grisea margaritensis Ridgway

Proc. Biol. Soc. Washington 21: 194, October 20, 1908.

=*Formicivora grisea intermedia* Cabanis. See Hellmayr, Catalogue of birds of the Americas 3: 187, 188, 1924; Peters, Checklist of birds of the world 7: 207, 1951.

151709. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 10, 1895. Collected by Wirt Robinson. Original number 489.

Formicivora grisea rufiventris Carriker

Auk 63 (3) : 316, July 3, 1936.

328964. Adult female. Cerro Yapacana, Territory of Amazonas, Venezuela. April 7, 1931. Collected by Ernest G. Holt, Robert E. R. Blake, and Charles T. Agostini. Original number 5873. National Geographic Society Brazil-Venezuela Expedition.

Genus MYRMOBORUS Cabanis and Heine

Heterocnemis(?) hypoleuca Ridgway

Proc. U.S. Nat. Mus. 10: 523, August 6, 1888.

=*Myrmoborus lugubris lugubris* (Cabanis). See Hellmayr, Catalogue of birds of the Americas 3: 234, 235, 1924.

120952. Adult female. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. July 11, 1887. Collected by Clarence B. Riker. Original number 67.

Genus HYPOCNEMIS Sclater

Hypocnemis flavescens Sclater

Proc. Zool. Soc. London, for 1864 (3) : 609, February 1865.

=*Hypocnemis cantator flavescens* Sclater. See Peters, Checklist of birds of the world 7: 223, 1951.

207909. Adult male. Marabitanas, on the Rio Negro, State of Amazonas, Brazil. March 16, 1831. Collected by Johann Natterer. Original number 857. Received from the U.S. Fish and Wildlife Service, which, probably through Albert K. Fisher, acquired it from the Naturhistorisches Museum, Vienna (where it was No. 15499).

Hypocnemis flavescens is one of a number of birds described in the same paper, by Sclater, after a visit to Vienna, from which he brought back to London for his own collection an example of each of the new forms. In no case is a definite specimen mentioned as the type, but in each description, excepting only that of *H. flavescens* (probably by oversight), he states that examples are in the Vienna and Sclater Collections. If his descriptions were drawn up from his own single specimens, these alone would be the types, but it is reasonable to believe that diagnoses were in fact based upon the entire Natterer series from the localities named, in which case the Sclater skin now in the British Museum and the Marabitanas birds left behind in Vienna would be equivalent cotypes of *H. flavescens*. Our No. 207909 came to Washington from Vienna long after the date of Sclater's description, and is therefore here considered one of the types.

Genus GYMNOCICHLA Sclater

Gymnocichla nudiceps sancta-martæ Ridgway

Proc. Biol. Soc. Washington 21: 194, October 20, 1908.

=*Gymnocichla nudiceps sanctae-martae* Ridgway. See Peters, Checklist of birds of the world 7: 228, 1951.

28163. Adult male. "Santa Marta," Colombia. Entered into the museum register in April 1863. Received from George N. Lawrence.

Genus MYRMECIZA G. R. Gray

Myrmeciza boucardi panamensis Ridgway

Proc. Biol. Soc. Washington 21: 194, October 20, 1908.

=*Myrmeciza longipes panamensis* Ridgway. See Peters, Checklist of birds of the world 7: 233, 1951.

53790. Adult male. "Line of Panama Railway"=Panamá Canal Zone. 1862. Collected by James McLeannan. Original number 261.

Myrmeciza intermedia Cherrie

Proc. U.S. Nat. Mus. 14: 345, September 4, 1891.

=*Myrmeciza exsul exsul* Sclater. See Hellmayr, Catalogue of birds of the Americas 3: 262, 263, 1924.

64715. Adult male. Sipurio, "Talamanca," Costa Rica or Panamá (contested territory). April 8, 1873. Collected by José C. Zeledón. Received from William M. Gabb.

Myrmeciza immaculata occidentalis Cherrie

Auk 8 (2): 191, April 1891.

=*Myrmeciza exsul occidentalis* Cherrie. See Peters, Checklist of birds of the world 7: 233, 1951.

119949. Adult male. Pozo Azul de Pirrís (a region of heavy forest on the Río Grande de Pirrís, about ten miles from the Pacific Ocean), Province of San José, Costa Rica. January 1887. Collected by José C. Zeledón. Received from the Museo Nacional de Costa Rica, where it was No. 1352.

119950. Adult female. Pozo Azul de Pirrís, Province of San José, Costa Rica. January 1887. Collected by José C. Zeledón. Received from the Museo Nacional de Costa Rica, where it was No. 1351.

Myrmelastes cassini Ridgway

Proc. Biol. Soc. Washington 21: 194, October 20, 1908.

=*Myrmeciza exsul cassini* (Ridgway). See Peters, Checklist of birds of the world 7: 233, 1951.

21739. Adult male. Turbo (a small village on the eastern shore of the Gulf of Urabá at lat. 8°06′ N., long. 76°41′ W.), Department of Antioquia, Colombia. 1857 or 1858. Collected by Arthur C. V. Schott. Original number 352. U.S. Survey of the Río Atrato.

Myrmeciza stictoptera Lawrence

Ann. Lyc. Nat. Hist. New York 8: 132 (not earlier than May 1), 1865.

=*Myrmeciza laemosticta laemosticta* Salvin. See Hellmayr, Catalogue of birds of the Americas 3: 261, 1924.

34777. Adult male. Angostura, Province of Cartago, Costa Rica. June 8, 1864. Collected by Julián Carmiol.

Myrmeciza disjuncta Friedmann

Proc. Biol. Soc. Washington 58: 83, June 30, 1945.

328955. Immature male? Cerro Yapacana, Territory of Amazonas, Venezuela. April 10, 1931. Collected by Ernest G. Holt, Robert E. R. Blake, and Charles T. Agostini. Original number 5952. National Geographic Society Brazil-Venezuela Expedition.

Myrmeciza zeledoni Ridgway

Proc. Biol. Soc. Washington 22: 74, April 17, 1909.

=*Myrmeciza immaculata zeledoni* Ridgway. See Peters, Checklist of birds of the world 7: 236, 1951.

209558. Adult male. Guayabo, Province of Cartago, Costa Rica. March 7, 1908. Collected by Robert Ridgway and José C. Zeledón. Original number 325. Museum-Zeledón Expedition.

Myrmeciza berlepschi Ridgway

Proc. Biol. Soc. Washington 22: 74, April 17, 1909.

=*Myrmeciza immaculata berlepschi Ridgway.* See Peters, Checklist of birds of the world 7: 237, 1951.

97774. Adult male. Puente de Chimbo, near Bucay, Province of Chimborazo, Ecuador. November 1882. Collected by Joseph Siemiradski. Original number 264. Received from Hans von Berlepsch.

Genus FORMICARIUS Boddaert

Formicarius moniliger Sclater

Proc. Zool. Soc. London 24: 294, January 26, 1857.

=*Formicarius analis moniliger* Sclater. See Peters, Checklist of birds of the world 7: 240, 1951.

22367. Adult male. México. Entered into the museum register on October 26, 1861. Received from the Maison Verreaux.

This specimen bears the conventional green label of the Maison Verreaux, from which all essential data are missing, but on it appears the word "type." The fact that Sclater referred to both males and females indicates that he examined more than one skin, and No. 22367 could easily be one of the cotypes; its true status, however, must probably remain forever doubtful. The only unquestionable cotype is perhaps the male in the British Museum (*ex* Sclater Collection), taken by Sallé at Córdoba.

Formicarius umbrosus Ridgway

Proc. U.S. Nat. Mus. 16: 670 (in key), 681, November 28, 1893.

=*Formicarius analis umbrosus* Ridgway. See Peters, Checklist of birds of the world 7: 240, 1951.

68243. Adult male. "Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). February–March 1874. Collected by Juan J. Cooper. Original number 47. Received from William M. Gabb.

Formicarius moniliger panamensis Ridgway

Proc. Biol. Soc. Washington 21: 195, October 20, 1908.

=*Formicarius analis panamensis* Ridgway. See Peters, Checklist of birds of the world 7: 241, 1951.

53779. Adult male. "Panama (Lion Hill Station?)"=Panamá Canal Zone. Entered into the museum register on December 16, 1868. Collected by James McLeannan.

Formicarius nigricapillus "Cherrie" Ridgway

Proc. U.S. Nat. Mus. 16: 670 (in key), 675, November 28, 1893.

=*Formicarius nigricapillus nigricapillus* Ridgway. See Peters, Checklist of birds of the world 7: 242, 1951.

128852. Adult female. Buena Vista, Province of Alajuela, Costa Rica. August 16, 1892. Collected by — Castro and — Fernández. Received from the Museo Nacional de Costa Rica, where it was No. 8284.

Genus CHAMAEZA Vigors

Ch[amaeza]. olivacea von Tschudi

Archiv für Naturgeschichte 10 (1) : 279, 1844.

=*Chamaeza campanisona olivacea* von Tschudi. See Peters, Checklist of birds of the world 7: 243, 1951.

41916. Adult (sex not indicated). Perú=Montaña de Vitoc, Department of Junín (see Hellmayr, Catalogue of birds of the Americas 3: 293, 1924). Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

This bird is possibly only a cotype, but it may be noted that Hellmayr has not claimed to have examined any one of von Tschudi's original specimens at Neuchâtel.

Chamæza fulvescens Salvin and Godman

Ibis (4) 6: 79, January 1882.

=*Chamaeza companisona fulvescens* Salvin and Godman. See Peters, Checklist of birds of the world 7: 244, 1951.

90594. Adult female. Merumé Mountains, British Guiana. June 13, 1881. Collected by Henry Whitely, Jr. Received from Osbert Salvin and Frederick DuC. Godman, of whose private collection it once formed part.

This form was based upon six examples, males and females, from the Merumé Mountains. Three, and possibly four, of the cotypes are said to be in the collection of the British Museum (Catalogue of the birds in the British Museum 15: 308, 1890).

Genus GYMNOPITHYS Bonaparte

Pithys bicolor olivascens Ridgway

Proc. U.S. Nat. Mus. 14: 469, October 26, 1891.

=*Gymnopithys leucaspis olivascens* (Ridgway). See Peters, Checklist of birds of the world 7: 247, 1951.

120197. Adult male. Santa Ana, Department of Cortés, Honduras. November 20, 1890. Collected by Erich Wittkügel. Original number 145.

Genus RHEGMATORHINA Ridgway

Rhegmatorhina gymnops Ridgway

Proc. U.S. Nat. Mus. 10: 525, August 6, 1888.

112286. Adult male. "Diamantina Mt.," near Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. July 15, 1887. Collected by Jessie (Mrs. Clarence B.) Riker.

Genus HYLOPHYLAX Ridgway

Hypocnemis lepidonota Sclater and Salvin

Proc. Zool. Soc. London, for 1880 (2) : 160, August 1880.

=*Hylophylax poecilonota lepidonota* (Sclater and Salvin). See Peters, Checklist of birds of the world 7: 252, 1951.

90590. Adult (sex not indicated). Sarayacu (on the Río Bobonaza), Territory of Napo-Pastaza, Ecuador or Perú (contested territory). Prior to February 1880. Collected by Clarence Buckley. Received from Osbert Salvin and Frederick DuC. Godman, of whose private collection it once formed part.

This form was based upon an unstated number of specimens, both male and female, from the Salvin-Godman and Sclater collections, but only a single female ("type of the species") reached the collection of the British Museum (Catalogue of the birds in the British Museum 15: 287, 1890), unless, indeed, adult skin *g* from "Peru" is Hauxwell's from "Upper Amazons" of the original description. In any case, our No. 90590 and the female in London, with identical data, are equivalent cotypes.

Genus PHLEGOPSIS Reichenbach

Phlogopsis bowmani "Riker, M.S." Ridgway

Proc. U.S. Nat. Mus. 10: 524, August 6, 1888.

=*Phlegopsis nigro-maculata bowmani* (Ridgway). See Peters, Checklist of birds of the world 7: 254, 1951.

120959. Adult male. "Diamantina Mt.," near Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. July 15, 1887. Collected by Jessie (Mrs. Clarence B.) Riker. Original number 69.

112452. Adult (sex not indicated). "Diamantina Mnts.," near Diamantina, State of Pará, Brazil. July 15, 1887. Collected by Clarence B. Riker.

The museum register implies that all of Riker's skins were collected by himself, but in fact his wife assisted him. The specimens to be accredited to Mrs. Riker may be recognized by the letter "J" at the lower right-hand corner of the original labels.

Genus PHAENOSTICTUS Ridgway

Phlegopsis saturata Richmond

Proc. U.S. Nat. Mus. 18: 625, August 12, 1896.

=*Phaenostictus mcleannani saturatus* (Richmond). See Peters, Checklist of birds of the world 7: 255, 1951.

128351. Adult male. Woods at the International Planting Company ("I.P.") Plantation (on the Río Escondido, 50 miles from Bluefields), Department of Zelaya, Nicaragua. August 31, 1892. Collected by Charles W. Richmond. Original number 4267.

Genus PITTASOMA Cassin

Pittasoma michleri zeledoni Ridgway

Proc. U.S. Nat. Mus. 6: 414, April 26, 1884.

91841. Adult (sex not indicated). "Río Sucio," Province of Limón?, Costa Rica. 1881. Collected by Juan J. Cooper. Received from José C. Zeledón.

Pittasoma Michleri Cassin

Proc. Acad. Nat. Sci. Philadelphia, for 1860: 189 (not earlier than May 29), 1860.

=*Pittasoma michleri michleri* Cassin. See Peters, Checklist of birds of the World 7: 256, 1951.

21750. Adult male. "On the river Truando . . . above its junction with the Atrato, but before reaching the Cordilleras," Intendency of Chocó, Colombia. January 22, 1858. Collected by Arthur C. V. Schott (not William S. Wood, Jr. and Charles J. Wood). Original number 109. U.S. Survey of the Río Atrato.

Genus GRALLARICULA Sclater

Grallaricula Costaricensis Lawrence

Ann. Lyc. Nat. Hist. New York 8: 346 (not earlier than June 25), 1866.

=*Grallaricula flavirostris costaricensis* Lawrence. See Peters, Checklist of birds of the world 7: 257, 1951.

41433. Adult male. Barranca, "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcán de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. October 4 (not April 10), 1865. Collected by Francisco Carmiol.

Grallaricula flavirostris brevis Nelson

Smithsonian Misc. Coll. 60 (3) : 12, September 27, 1912.

238069. Adult male. Mount Pirrí (at elev. 4,500 feet), near the head of the Río Limón, Department of Darién, Panamá. May 1, 1912. Collected by Edward A. Goldman. Original number 15630. Received from the U.S. Fish and Wildlife Service.

Genus GRALLARIA Vieillot

Grallaria gigantea lehmanni Wetmore

Proc. Biol. Soc. Washington 58: 19, March 21, 1945.

376732. Adult (sex not indicated). San Marcos (elev. 3,000 meters), near Moscopán (on the eastern side of the Cordillera Central), Department of Cauca, Colombia. November 7, 1941. Collected by F. Carlos Lehmann V. Received from the Museo de Historia Natural, Universidad del Cauca, Popayán (where it was No. 3224–?).

Grallaria gigantea Lawrence

Ann. Lyc. Nat. Hist. New York 8: 345 (not earlier than June 25), 1866.

=*Grallaria gigantea gigantea* Lawrence. See Wetmore, Proc. Biol. Soc. Washington 58: 17–18, 1945.

35101. Adult (sex not indicated). Ecuador (probably from the eastern slope of the Andes, *fide* Wetmore, *op. cit.*). Entered into the museum register on December 27, 1864. Received from John Akhurst, a dealer in Brooklyn, N.Y.

Grallaria ochraceiventris Nelson

Proc. Biol. Soc. Washington 12: 62, March 24, 1898.

=*Grallaria guatimalensis ochraceiventris* Nelson. See Hellmayr, Catalogue of birds of the Americas 3: 335, 1924.

156013. Adult male. San Sebastián, State of Jalisco, México. March 16, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3884. Received from the U.S. Fish and Wildlife Service.

Grallaria chthonia Wetmore and W. H. Phelps, Jr.

Proc. Biol. Soc. Washington 69 (1): 6, May 21, 1956.

———. Adult male. Hacienda "La Providencia" (elev. 1,800 meters), on the Río Chiquito, State of Táchira, Venezuela. February 10, 1955. Collected by Ramón Urbano. Deposited by William H. Phelps, Sr., in whose private collection it is No. 61055.

Grallaria rufula saltuensis Wetmore

Smithsonian Misc. Coll. 106 (16): 4, December 30, 1946.

373673. Adult male. "Between 9,500 and 10,000 feet elevation, south of the south Teta above Airoca, Sierra de Perijá," Department of Magdalena, Colombia. May 4, 1942. Collected by Melbourne A. Carriker, Jr. Original number 2611.

Grallaria lizanoi Cherrie

Proc. U.S. Nat. Mus. 14: 342, September 4, 1891.

=*Grallaria perspicillata lizanoi* Cherrie. See Hellmayr, Catalogue of birds of the Americas 3: 353, 1924.

119951. Adult male. Las Trojas de Puntarenas, Provine of Puntarenas?, Costa Rica. January 1886. Collected by Anastasio Alfaro. Original number 270? Received from the Museo Nacional de Costa Rica, where it was No. 628.

G[rallaria]. intermedia Ridgway

Proc. U.S. Nat. Mus. 6: 406 (footnote), April 26, 1884.

=*Grallaria perspicillata intermedia* Ridgway. See Hellmayr, Catalogue of birds of the Americas 3: 353, 1924.

47484. Adult male. Angostura, Province of Cartago, Costa Rica. January 9, 1867. Collected by Julián Carmiol.

64718. Adult (sex not indicated). Costa Rica=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), "Talamanca," Costa Rica or Panamá (contested territory). 1873 (entered into the museum register on November 4), Collected by José Castulo Zeledón. Original number 591. Received from William M. Gabb.

This form was based upon only two specimens, one from Angostura, the other from "Talamanca"; at the original description, neither was set up as the type, but at some later date Ridgway himself wrote "*Grallaria intermedia* Ridgw." on a red type label, which was attached to No. 47484 from Angostura. Notwithstanding this decision, still later (Birds of North and Middle America 5: 157, 1911), the type locality is given simply as "Talamanca," thus automatically making No. 64718 the type. The two examples in question are unmistakably of the same race, and are here treated as equivalent cotypes.

Family RHINOCRYPTIDAE: Tapaculos

Genus SCELORCHILUS Oberholser

Pteroptochos rubecula nemorivaga Wetmore

Univ. California Publ. Zool. 21 (12) : 333, June 16, 1923.

=*Scelorchilus rubecula rubecula* (von Kittlitz). See Wetmore, Univ. California Publ. Zool. 24: 444, 445, 1926; Chapman, Amer. Mus. Nov. 762:3, 1934.

116272. Adult male. "Port Otway"=western shore of the Gulf of Tres Montes, an arm of the Gulf of Peñas (not Straits of Magellan), Province of Llanquihue, Chile. February 9–10, 1888. Collected by naturalists of the U.S. Fish Commission Steamer *Albatross*. Received from the U.S. Fish Commission.

Genus SCYTALOPUS Gould

Scytalopus argentifrons Ridgway

Proc. U.S. Nat. Mus. 14: 475, October 31, 1891.

121329. Adult male. Volcán de Irazú, Province of Cartago, Costa Rica. April 23, 1891. Collected by Anastasio Alfaro. Received from the Museo Nacional de Costa Rica, where it was No. 5418.

121330. Immature (sex not indicated). Volcán de Irazú, Province of Cartago, Costa Rica. May 1891. Collected by Anastasio Alfaro. Received from the Museo Nacional de Costa Rica, where it was No. 5417.

Family COTINGIDAE: Cotingas

Genus COTINGA Brisson

Cotinga ridgwayi "Zeledon MS." Ridgway

Proc. U.S. Nat. Mus. 10: 1, pl. 6, fig. 3, April 25, 1887.

=*Cotinga ridgwayi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 6: 106, 1929.

109813. Adult male. Pozo Azul de Pirrís (a region of heavy forest on the Río Grande de Pirrís, about ten miles from the Pacific Ocean), Province of San José, Costa Rica. September 8, 1886. Collected by José C. Zeledón.

Genus CARPODECTES Salvin

Carpodectes antoniæ "Zeledon, MS." Ridgway

Ibis (5) 2 (5) : 27, pl. 2, January 1884.

=*Carpodectes nitidus antoniae* Ridgway. See Hellmayr, Catalogue of birds of the Americas 6: 112, 1929.

91832. Adult male. Pozo Azul de Pirrís (a region of heavy forest on the Río Grande de Pirrís, about ten miles from the Pacific Ocean), Province of San José, Costa Rica. May 1883. Collected by Juan Zeledón. Received from José C. Zeledón.

Genus TYRANNULUS Vieillot

Tyrannulus reguloides Ridgway

Proc. U.S. Nat. Mus. 10: 521, August 6, 1888.

=*Tyrannulus elatus* (Latham). See Zimmer, Amer. Mus. Nov. 1126: 2, 1941.

120889. Adult (sex not indicated). Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. June 30, 1887. Collected by Clarence B. Riker. Original number 79.

Genus ACROCHORDOPUS von Berlepsch and Hellmayr

Pogonotriccus ? zeledoni Lawrence

Ann. Lyc. Nat. Hist. New York 9 (5) : 144, March 1869.

=*Acrochordopus zeledoni zeledoni* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 5: 481, 1927.

47513. Adult male. Santa María de Dota, Province of Cartago, Costa Rica. October 4, 1866. Collected by Francisco (on label) or Julián (in register) Carmiol.

Acrochordopus zeledoni bunites Wetmore and W. H. Phelps, Jr.

Proc. Biol. Soc. Washington 69 (1) : 7, May 21, 1956.

———. Adult (sex not indicated). Western slope of Cerro Chimantá-tepui (at elev. 1,300 meters), State of Bolívar, Venezuela. July 9, 1946. Collected by Ramón Urbano. Deposited by William H. Phelps, Sr., in whose private collection it is No. 35992.

Genus ATTILA Lesson

Attila cinnamomeus Lawrence

Ann. Lyc. Nat. Hist. New York 10 (1–3) : 8, "February–March" 1871.

Attila spadiceus pacificus Hellmayr

Publ. Field Mus. Nat. Hist. (zool. ser.) 13 (6) : 140, November 14, 1929.

=*Attila spadiceus pacificus* Hellmayr. See Hellmayr, Catalogue of birds of the Americas 6: 140, 1929.

58231. Adult male. Mazatlán, State of Sinaloa, México. Entered into the museum register in July 1869. Collected by Andrew J. Grayson. Original number 203.

58232. Adult female. Mazatlán, State of Sinaloa, México. Entered into the museum register in July 1869. Collected by Andrew J. Grayson. Original number 204.

Both in the register and on the oldest labels, a query has been added (by Baird?) after the word "Mazatlan," but no reason for his doubt is on record.

Attila spadiceus pacificus Hellmayr is a mere substitute name for *A. cinnamomeus* Lawrence, not [*Muscicapa*] *cinnamomea* Gmelin, 1789, and is based upon the same type specimens.

Attila citropyga salvini Ridgway

Proc. Biol. Soc. Washington 19: 118, September 6, 1906.

=*Attila spadiceus flammulatus* Lafresnaye. See Hellmayr, Catalogue of birds of the Americas 6: 138, 1929.

177358. Adult male. Paso Nuevo (not Pasa Nueva), State of Veracruz, México. March 23, 1901. Collected by Albert E. Colburn. Original number 867.

Attila mexicanus Nelson

Proc. Biol. Soc. Washington 14: 172, September 25, 1901.

=*Attila spadiceus flammulatus* Lafresnaye. See Hellmayr, Catalogue of birds of the Americas 6: 138, 1929.

166431. Adult male. Frontera, State of Tabasco, México. April 27, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7002. Received from the U.S. Fish and Wildlife Service.

Attila cozumelæ Ridgway

Proc. Biol. Soc. Washington 3: 23 (p. 3 of extra), February 26, 1885.

=*Attila spadiceus cozumelae* Ridgway. See Hellmayr, Catalogue of birds of the Americas 6: 140, 1929.

102767. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 29, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Attila citreopyga luteola Ridgway

Proc. Biol. Soc. Washington 19: 119, September 6, 1906.

=*Attila spadiceus citreopygus* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 6: 136, 137, 1929.

64623. Adult male. San José, Province of San José, Costa Rica. 1873 (entered into the museum register on November 4). Collected by José C. Zeledón. Original number 247. Received from William M. Gabb.

Attila tephrocephala Ridgway

Proc. Biol. Soc. Washington 19: 118, September 6, 1906.

=*Attila spadiceus citreopygus* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 6: 136, 137, 1929.

64624. Adult female. "Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). 1873 (entered into the museum register on November 4). Collected by José C. Zeledón. Original number 442. Received from William M. Gabb.

Attila viridescens Ridgway

Proc. U.S. Nat. Mus. 10: 522, August 6, 1888.

=*Attila spadiceus spadiceus* (Gmelin). See Hellmayr, Catalogue of birds of the Americas 6: 128, 132, 1929.

120917. Adult male. "Diamantina, Mountain," near Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. July 5, 1887. Collected by Clarence B. Riker. Original number 82.

Genus RHYTIPTERNA Reichenbach

Lipaugus holerythrus Sclater and Salvin

Proc. Zool. Soc. London 28 (2): 300, August 1860.

=*Rhytipterna holerythra holerythra* (Sclater and Salvin). See Hellmayr, Catalogue of birds of the Americas 6: 154, 1929.

20469. Adult (sex not indicated). Choctum, Department of Alta Vera Paz, Guatemala. January 9, 1860. Collected by Osbert Salvin. Original number 1973. Received from Osbert Salvin.

This form was based upon an unstated number of specimens, one of which, in the collection of the British Museum, *ex* the Salvin-Godman Collection, is called "Type of the species" (Catalogue of the birds in the British Museum 14: 357, 1888). It is probable that the five Salvin-taken skins from Guatemala there listed, as well as our No. 20469, are equivalent cotypes.

Genus LIPAUGUS Boie

Lathria fusco-cinerea guayaquilensis Ridgway

Proc. Biol. Soc. Washington 19: 120, September 6, 1906.

=*Lipaugus fusco-cinereus* (Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 6: 156, 1929.

101271. Adult (sex not indicated). "Guayaquil, Ecuador," error="the interior of Ecuador" (*fide* Jones, *in epist.* of November 11, 1884). Entered into the museum register on January 5, 1885. Received from William H. Jones, who acquired it, with other birds, from "Mr. Cartright Agt. P.S.N. Co. Guayaquil as a gift" (*in epist. cit.*).

Lathria unirufa clara Ridgway

Proc. Biol. Soc. Washington 19: 120, September 6, 1906.

=*Lipaugus unirufus castaneotinctus* (Hartert). See Hellmayr, Catalogue of birds of the Americas 6: 162, 1929.

53767. Adult male. "Panama (Lion Hill station?)"=Panamá Canal Zone. 1862. Collected by James McLeannan.

Genus PACHYRAMPHUS G. R. Gray

Pachyrhamphus similis Cherrie

Proc. U.S. Nat. Mus. 14: 343, September 4, 1891.

=*Pachyramphus polychopterus similis* Cherrie. See Hellmayr, Catalogue of birds of the Americas 6: 184, 1929.

40447. Adult male. Greytown=San Juan del Norte, Department of Chontales, Nicaragua. June 11, 1865. Collected by H. E. Holland. Original number 72.

40448. Adult female. Greytown=San Juan del Norte, Department of Chontales, Nicaragua. June 4, 1865. Collected by H. E. Holland. Original number 68.

Pachyrhamphus ornatus Cherrie

Proc. U.S. Nat. Mus. 14: 338, September 4, 1891.

=*Pachyramphus albogriseus ornatus* Cherrie. See Hellmayr, Catalogue of birds of the Americas 6: 189, 1929.

42957 (not 42951). Adult female. Barranca, "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcán de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. February 26, 1866. Collected by Julián Carmiol.

Pachyrhamphus major uropygialis Nelson

Auk 16 (1) : 28, January 1899.

=*Pachyramphus major uropygialis* Nelson. See Hellmayr, Catalogue of birds of the Americas 6: 192, 1929.

157150. Adult male. Plomosas, State of Sinaloa, México. July 14, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4623. Received from the U.S. Fish and Wildlife Service.

Pachyrhamphus major itzensis Nelson

Proc. Biol. Soc. Washington 14: 173, September 25, 1901.

=*Pachyramphus major itzensis* Nelson. See Hellmayr, Catalogue of birds of the Americas 6: 192, 1929.

167766. Adult female. Chichén Itzá, State of Yucatán, México. January 29, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7499. Received from the U.S. Fish and Wildlife Service.

Genus PLATYPSARIS Sclater

Platypsaris aglaiae gravis Van Rossem

Condor 40 (6) : 262, November 15, 1938.

135419 (not 435419). Adult male. Alta Mira, State of Tamaulipas, México. February 11, 1895. Collected by Frank B. Armstrong. Original number 38.

P[latypsaris]. insularis Ridgway

Manual of North American birds, p. 325, September 1887.

=*Platypsaris aglaiae insularis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 6: 202, 1929.

37368. Adult male. Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 129.

39981. Adult male. Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. March 1865. Collected by Andrew J. Grayson. Original number 129.

39982. Adult female. Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. March 1865. Collected by Andrew J. Grayson. Original number 130.

Hadrostomus albiventris Lawrence

Ann. Lyc. Nat. Hist. New York 8: 475 (not earlier than May 13), 1867.

=*Platypsaris aglaiae albiventris* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 6: 201, 1929.

29402. Adult male. "Plains of Colima," State of Colima, México. January 1863. Collected by John Xántus. Original number 19.

30126. Adult female. "Plains of Colima," State of Colima, México. January 1863. Collected by John Xántus. Original number 17.

Platypsaris aglaiæ sumichrasti Nelson

Auk 14 (1) : 52, January 1897.

=*Platypsaris aglaiae sumichrasti* Nelson. See Hellmayr, Catalogue of birds of the Americas 6: 200, 1929.

154701. Adult male. Otatitlán, State of Veracruz, México. April 15, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 1926. Received from the U.S. Fish and Wildlife Service.

Platypsaris aglaiæ yucatanensis Ridgway

Proc. Biol. Soc. Washington 19: 120, September 6, 1906.

=*Platypsaris aglaiae yucatanensis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 6: 202, 1929.

130023. Adult male. State of Yucatán, México. Entered into the museum register on October 9, 1893. Collected by George F. Gaumer.

Platypsaris aglaiæ hypophæus Ridgway

Proc. U.S. Nat. Mus. 14: 467, October 26, 1891.

=*Platypsaris aglaiae hypophaeus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 6: 200, 1929.

120293. Adult male. San Pedro Sula, Department of Cortés, Honduras. October 4, 1890. Collected by Erich Wittkügel. Original number 55.

Platypsaris aglaiæ obscurus Ridgway

Proc. U.S. Nat. Mus. 14: 469, 474, October 31, 1891.

=*Platypsaris aglaiae hypophaeus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 6: 200, 1929.

121331. Adult male. Jiménez, Province of Limón, Costa Rica. February 4, 1891. Collected by Anastasio Alfaro and M. Carranza (not Carranro). Received from the Museo Nacional de Costa Rica, where it was No. 5408.

Genus TITYRA Vieillot

Tityra personata griseiceps Ridgway

Auk 5 (3): 263, July 1888.

=*Tityra semifasciata griseiceps* Ridgway. See Hellmayr, Catalogue of birds of the America 6: 215, 1929.

58235. Adult female. Mazatlán, State of Sinaloa, México. Entered into the museum register in July 1869. Collected by Andrew J. Grayson. Original number 193.

Tityra semifasciata costaricensis Ridgway

Proc. Biol. Soc. Washington 19: 119, September 6, 1906.

199039. Adult female. Bonilla, Province of Limón, Costa Rica. March 29, 1905. Collected by Anastasio Alfaro.

Tityra semifasciata columbiana Ridgway

Proc. Biol. Soc. Washington 19: 119, September 6, 1906.

170410. Adult female. La Concepción, in the Sierra Nevada de Santa Marta, Department of Magdalena, Colombia. April 6, 1899. Collected by Wilmot W. Brown, Jr. Received from Outram Bangs.

Genus PYRODERUS G. R. Gray

Pyroderus masoni Ridgway

Auk 3 (3): 333, July 1886.

=*Pyroderus scutatus masoni* Ridgway. See Hellmayr, Catalogue of birds of the Americas 6: 231, 1929.

106051. Adult (sex not indicated). Locality unknown=Perú? Entered into the museum register on November 16, 1885. Transferred from the Department of State, which acquired it from one of the national exhibits (presumably that of Perú) at the World's Industrial and Cotton Centennial Exposition in New Orleans (1884–1885).

See my remarks under *Grammopsittaca lineola maculata* Ridgway (p. 125).

Family PIPRIDAE: Manakins

Genus PIPRA Linnaeus

Pipra suavissima Salvin and Godman

Ibis (4) 6 (21): 79, pl. 1, January 1882.

=*Pipra serena suavissima* Salvin and Godman. See Hellmayr, Catalogue of birds of the Americas 6: 24, 1929.

90557. Adult male. Merume Mountains, British Guiana. July 12, 1881. Collected by Henry Whitely, Jr. Received from Osbert Salvin and Frederick DuC. Godman.

90558. Adult female. Merume Mountains, British Guiana. July 12, 1881. Collected by Henry Whitely, Jr. Received from Osbert Salvin and Frederick DuC. Godman.

This form was described from "a good series of specimens," both male and female. Five skins from the Merume Mountains, now in the British Museum, are considered "Types of the species" (Catalogue of the birds in the British Museum 14: 301, 1888), but our examples have an equal claim, as do the three there listed from Bartica Grove, and, possibly, the two Merume specimens derived from the Sclater Collection.

P[ipra]. chloromeros von Tschudi

Archiv für Naturgeschichte 10 (1): 271, 1844.

=*Pipra chloromeros* von Tschudi. See Hellmayr, Catalogue of birds of the Americas 6: 25, 1929.

41924. Adult male. Perú=Valley of Vitoc, Department of Junín (see Hellmayr, *loc. cit.*). Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

While this specimen may be only a cotype, it should be noted that Hellmayr has not claimed to have examined any one of von Tschudi's original examples at Neuchâtel.

Pipra erythrocephala berlepschi Ridgway

Proc. Biol. Soc. Washington 19: 117, September 6, 1906.

147568. Adult male. Nauta, Department of Loreto, Perú or Ecuador (contested territory). December 8, 1883. Collected by J. (not T.) Hauxwell. Received as part of the Boucard Collection.

Pipra pipra anthracina Ridgway

Proc. Biol. Soc. Washington 19: 117, September 6, 1906.

108278. Adult male. Moravia, Province of Limón, Costa Rica. October 30, 1885. Collected by Juan Cooper. Received from José C. Zeledón.

Pipra comata von Berlepsch and Stolzmann

Ibis (6) 6 (23): 392, July 1894.

=*Pipra pipra comata* von Berlepsch and Stolzmann. See Hellmayr, Catalogue of birds of the Americas 6:36, 1929.

159823. Adult male. La Garita del Sol, Valley of Vitoc, Department of Junín, Perú. June 26, 1891. Collected by Jan Kalinowski. Original number 1274. Received from the Branicki Museum, Warsaw.

This form was based upon four adult and two immature males, from La Gloria (August 1890) and La Garita del Sol (June and August 1891, April 1893); all are cotypes. Stolzmann and Domaniewski (Ann. Zool. Mus. Polonici 6: 149, 1927) have made a specimen from La Gloria the lectotype, but I consider their action a mere restriction of type locality.

Pipra pipra bahiæ Ridgway

Proc. Biol. Soc. Washington 19:117, September 6, 1906.

=*Pipra pipra cephaleucos* Thunberg. See Hellmayr, Catalogue of birds of the Americas 6: 37, 1929.

115147. Adult male. Bahia=São Salvador, State of Bahia, Brazil. Entered into the museum register on December 21, 1888. Purchased from an indigene by Charles H. Townsend, Leslie A. Lee, and Thomas Lee.

Genus CORAPIPO Bonaparte

Corapipo gutturalis carminae Barnés

Auk 72: 412, November 2, 1955.

444143. "Adult female" (probably immature male, *fide* Wetmore). Camp Jaime Benítez (elev. 5,000 feet), Cerro Marahuaca, Territory of Amazonas, Venezuela. May 18, 1950. Collected by Ventura Barnés, Jr.

Genus MANACUS Brisson

Manacus manacus umbrosus Friedmann

Proc. Biol. Soc. Washington 57: 99, November 30, 1944.

328736. Adult male. Cerro Yapacana, Territory of Amazonas, Venezuela. March 28, 1931. Collected by Ernest G. Holt, Robert E. R. Blake, and Charles T. Agostini. Original number 5675. National Geographic Society Brazil-Venezuela Expedition.

Manacus manacus purus Bangs

Proc. New England Zool. Club 1: 36, March 31, 1899.

120904. Adult male. Santarém, State of Pará, Brazil. May 1883. Collected by — Williams (not Clarence B. Riker). Received from Clarence B. Riker.

Manacus vitellinus amitinus Wetmore

Smithsonian Misc. Coll. 139(2) : 7, July 8, 1959.

468919. Adult male. Island of Escudo de Veraguas, Caribbean Sea off the Province of Bocas del Toro, Panamá. March 2, 1958. Collected by Alexander Wetmore. Original number 22241.

Genus SCHIFFORNIS Bonaparte

Scotothorus furvus Ridgway

Proc. Biol. Soc. Washington 19: 118, September 6, 1906.

=*Schiffornis turdinus furvus* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 6: 84, 1929.

62070. Adult male. Boquete de Chitra, Province of Veraguas, Panamá. 1869. Collected by Enrique Arcé. Original number 2034. Received from Osbert Salvin.

Family TYRANNIDAE: Tyrant Flycatchers

Genus AGRIORNIS Gould

Agriornis poliosoma W. E. D. Scott

Bull. Brit. Orn. Club 10: 55, March 31, 1900.

=*Agriornis montana leucura* Gould. See Hellmayr, Catalogue of birds of the Americas 5: 7, 8, 1927.

335171. Adult male. "Arroyo Eke" (not "Arroyo Gio"), Territory of Santa Cruz, Argentina. May 20, 1898. Collected by Albert E. Colburn. Original number 360. Received from the Princeton Museum of Zoology, where it was No. 7927.

See my remarks on this type locality under *Henicornis wallisi* W. E. D. Scott.

Genus XOLMIS Boie

Tænioptera pyrope ignea Wetmore

Univ. California Publ. Zool. 21 (12) : 334, June 16, 1923.

=*Xolmis pyrope* (Kittlitz). See Hellmayr, Catalogue of birds of the Americas 5: 19, 1927.

116246. Adult male. Laredo Bay (at the western side of the Straits of Magellan between Elizabeth Island and Punta Arenas, with Cape Negro sheltering it on the Northwest), Territory of Magallanes, Chile. January 20–22, 1888. Collected by naturalists of the U.S. Fish Commission Steamer *Albatross*. Received from the U.S. Fish Commission.

Genus MUSCISAXICOLA d'Orbigny and Lafresnaye

Muscisaxicola occipitalis Ridgway

Proc. U.S. Nat. Mus. 10: 430, November 3, 1887.

=*Muscisaxicola rufivertex occipitalis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 5: 22, 1927.

99572 (*not* 99571). Adult (sex not indicated). "Lake Titicaca," Perú or Bolivia. Entered into the museum register on August 18, 1884. Collected by Joseph H. Batty? Received from Joseph H. Batty.

Muscisaxicola hatcheri W. E. D. Scott

Bull. Brit. Orn. Club 10: 55, March 31, 1900.

=*Muscisaxicola flavinucha* Lafresnaye. See Hellmayr, Catalogue of birds of the Americas 5: 24, 1927.

335167. Immature female (not male). At the headwaters of the Río Chico de Santa Cruz, Territory of Santa Cruz, Argentina. February 18, 1897. Collected by O. A. Peterson. Original number 464. Received from the Princeton Museum of Zoology, where it was No. 7645.

Muscisaxicola garretti W. E. D. Scott

Bull. Brit. Orn. Club 10: 54, March 31, 1900.

=*Muscisaxicola capistrata* (Burmeister). See Hellmayr, Catalogue of birds of the Americas 5: 25, 1927.

335170. Adult female (not male). "Near Coy Inlet"=near the mouth of the Río Coyle, Territory of Santa Cruz, Argentina. October 21, 1896. Collected by O. A. Peterson. Original number 215. Received from the Princeton Museum of Zoology, where it was No. 7643.

Saxicola fumifrons Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 90, "pl. xxv, fig. 1," 1848.

=*Muscisaxicola macloviana mentalis* d'Orbigny and Lafresnaye. See Bangs, Bull. Mus. Comp. Zool. 70: 265, 1930.

14469. Adult (sex not indicated). Near Callao, Perú. July 18—. Original number 135. U.S. Exploring Expedition (1838–1842).

Only two examples of this form were entered into the museum register. No. 14360, a cotype, is now No. 75849 in the collection of the Museum of Comparative Zoology.

Genus CNEMARCHUS Ridgway

Cnemarchus erythropygius orinomus Wetmore

Smithsonian Misc. Coll. 106 (16): 5, December 30, 1946.

387513. Adult male. Above Mamancanaca (at elev. 11,400–12,000 feet), in the Sierra Nevada de Santa Marta, Department of Magdalena, Colombia. February 23, 1946. Collected by Melbourne A. Carriker, Jr. Original number 7902.

Genus OCHTHOECA Cabanis

Octhoeca rufi-pectoralis rubicundulus Wetmore

Smithsonian Misc. Coll. 106 (16): 8, December 30, 1946.

=*Ochthoeca rufi-pectoralis rubicundulus* Wetmore.

373864. Adult male. "Above Airoca, between 9,500 and 10,000 feet elevation south of the south Teta, Sierra de Perijá," Department of Magdalena, Colombia. May 7, 1942. Collected by Melbourne A. Carriker, Jr. Original number 2648.

Ochthoeca diadema rubellula Wetmore

Smithsonian Misc. Coll. 106 (16): 7, December 30, 1946.

373844. Adult male. "Between 8,000 and 9,000 feet above Laguna de Junco, slopes of Cerro Pintado, Sierra de Perijá," Department of Magdalena, Colombia. July 11, 1942. Collected by Melbourne A. Carriker, Jr. Original number 3245.

Genus SAYORNIS Bonaparte

Sayornis saya yukonensis Bishop

Auk 17 (2): 115, April 1900.

165223. Adult male. Glacier Station, near Skagway, Alaska. June 8, 1899. Collected by Wilfred H. Osgood. Original number 77. Received from the U.S. Fish and Wildlife Service.

Genus ENTOTRICCUS Wetmore and Peters

Cnipolegus cinereus Sclater

Proc. Zool. Soc. London, for 1870 (1): 58, text-fig., May 1870.

=*Entotriccus striaticeps* (d'Orbigny and Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 5: 77, 1927.

16355. Adult male. Corumbá (on the Rio Paraguay), State of Mato Grosso, Brazil. July 1859. Collected by Christopher Wood? Original number 69. Second U.S. Survey of the Río Paraná (1859–1860).

Genus LICHENOPS Sundevall

Lichenops perspicillatus, β. andinus Ridgway

Proc. U.S. Nat. Mus. 1: 483, May? 1879.

=*Lichenops perspicillata andina* Ridgway. See Hellmayr, Catalogue of birds of the Americas 5: 79, 80, 1927.

32190. Adult male. Chile. January 1854. Received from James M. Gilliss.

48944½ (=151808). Adult male. "Vicinity of Santiago," Province of Santiago, Chile. October 1865. Received from the Museo Nacional de Chile.

Ridgway based this race upon three adult males from Chile; the third, No. 48944, was sent to Fernando Ferrari-Pérez in December 1885, and is perhaps now part of some collection in México.

No. 48944½ was, for no obvious reason, reentered on January 25, 1896, as No. 151808.

No. 32190, according to the register, was collected by Gilliss, who had, in fact, departed from Chile prior to January 1854. In the introduction to the second volume of his official report on the U.S. Naval Astronomical Expedition to the Southern Hemisphere (1849–1852), we learn, however, that friends, "foreign as well as native, aided me; . . . Nor did their considerate and kind liberality end with my residence in Chile; for more than a year after arriving at home, there reached me . . . many birds of particular interest . . ." Since the data on the original label are in Spanish, it may be assumed that this specimen was among these.

Genus PYROCEPHALUS Gould

Pyrocephalus carolensis Ridgway

Proc. U.S. Nat. Mus. 17: 365, November 15, 1894.

=*Pyrocephalus rubinus nanus* Gould. See Hellmayr, Catalogue of birds of the Americas 5: 93, 1927.

115926. Adult male. Charles Island=Santa María Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. April 8, 1888. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

115927. Immature male. Same data as No. 115926.

115928. Adult female. Same data as No. 115926.

125988. Adult male. Same data as No. 115926.

Pyrocephalus intercedens Ridgway

Proc. U.S. Nat. Mus. 17: 366, November 15, 1894.

=*Pyrocephalus rubinus nanus* Gould. See Hellmayr, Catalogue of birds of the Americas 5: 93, 1927.

77764. Immature male. Indefatigable Island=Santa Cruz Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. August 25–October 16, 1868. Collected by A. Habel. Original number 14. Received from Osbert Salvin.

116053. Immature (sex not indicated). Indefatigable Island, Galápagos Islands, eastern Pacific Ocean off Ecuador. April 12, 1888. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

This form was based upon five specimens, of which three belonged to Baur, their collector; of these, at least the adult male, and perhaps the two others, eventually entered the Rothschild Collection. Hartert (Nov. Zool. 29: 385, 1922) says that the type ("marked and red-labelled as such by Ridgway") is the male and goes on to observe that, since the race was described from supposed differences in color of the female, the female should therefore logically have been made the type. But in fact, *intercedens* was described in such a way that all of the original five are cotypes, and Ridgway's illogical red-labeling of the male at a later date is but another example of the thoughtless manner in which lectotypes are often chosen.

Pyrocephalus abingdoni Ridgway

Proc. U.S. Nat. Mus. 17: 367, November 15, 1894.

=*Pyrocephalus rubinus nanus* Gould. See Hellmayr, Catalogue of birds of the Americas 5: 93, 1927.

116134. Adult male. Abingdon Island=Pinta Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. April 16, 1888. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Pyrocephalus minimus Ridgway

Proc. U.S. Nat. Mus. 12: 113, February 5, 1890.

=*Pyrocephalus rubinus dubius* Gould. See Hellmayr, Catalogue of birds of the Americas 5: 93, 94, 1927.

115961. Adult male. Chatham Island=San Cristóbal Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. April 5, 1888. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

115962. Adult male. Chatham Island, Galápagos Islands, eastern Pacific Ocean off Ecuador. April 5, 1888. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus MUSCIGRALLA d'Orbigny and Lafresnaye

Lepturus brevicauda Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 103, "pl. XXVII, fig. 4," 1848.

=*Muscigralla brevicauda* d'Orbigny and Lafresnaye.

14415. Adult (sex not indicated). Near Callao, Perú. July 18—. Original number 199. U.S. Exploring Expedition (1838–1842).

Genus TYRANNUS Lacépède

Tyrannus couchii Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 170 (in key), 175, 1858.

=*Tyrannus melancholicus couchii* Baird. See Hellmayr, Catalogue of birds of the Americas 5: 109, 1927.

4001. Adult male. State of Nuevo León, México. 1853. Collected by Darius N. Couch. Original number 99.

4002. Adult (sex not indicated). San Diego, State of Nuevo León, México. March 1853. Collected by Darius N. Couch. Original number 111.

4003. Adult male. San Diego, State of Nuevo León, México. April 1853. Collected by Darius N. Couch. Original number 126.

Couch's original label for No. 4002 gives the locality as "Rio San Juan, San Diego." The only San Diego in Nuevo León known to me lies at the head of the Arroyo Calabazal (near its mouth called the Arroyo Lajas), a tributary that enters the Río San Juan just downstream from China.

Tyrannus dominicensis sequax Brodkorb

Auk 67 (3): 337, July 27, 1950.

172802. Adult male. Nueva Gerona, Isla de Pinos, Province of La Habana, Cuba. July 10, 1900. Collected by William Palmer and Joseph H. Riley. Original number 661.

Tyrannus dominicensis tenax Brodkorb

Auk 67 (3): 343, July 27, 1950.

151714. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 7, 1895. Collected by Wirt Robinson. Original number 453.

Genus SIRYSTES Cabanis and Heine

Sirystes sibilator atimastus Oberholser

Proc. U.S. Nat. Mus. 25: 66, August 30, 1902.

129412. Adult male. Chapada (lat. 14°55′ S., long. 59°58′ W.), State of Mato Grosso, Brazil. March 13, 1885. Collected by Herbert H. Smith. Received from the American Museum of Natural History, where it was No. 58403.

Genus MYIODYNASTES Bonaparte

M[yiodynastes]. audax insolens Ridgway

Manual of North American birds, p. 332, September 1887.

=*Myiodynastes maculatus insolens* Ridgway. See Hellmayr, Catalogue of birds of the Americas 5: 125, 1927.

27977. Adult (sex not indicated). Hacienda "Mirador," State of Veracruz, México. Entered into the museum register on March 24, 1863. Collected by Carl C. W. Sartorius.

Myiodynastes superciliaris Lawrence

Ann. Lyc. Nat. Hist. New York 8: 470 (not earlier than May 13), 1867.

=*Myiodynastes chrysocephalus hemichrysus* (Cabanis). See Hellmayr, Catalogue of birds of the Americas 5: 130, 1927.

41429. Adult female (not male). Barranca, "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcán de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. October 4 (not April 10), 1865. Collected by Francisco Carmiol.

Genus MEGARYNCHUS Thunberg

Megarynchus pitangua caniceps Ridgway

Proc. Biol. Soc. Washington 19: 116, September 6, 1906.

126595. Adult male. Barranca Beltrán, in the southern parts of the State of Jalisco, México. March 25, 1892. Collected by Pierre L. Jouy. Original number 1302.

Genus CORYPHOTRICCUS Ridgway

Coryphotriccus albovittatus distinctus Ridgway

Proc. Biol. Soc. Washington 21: 191, October 20, 1908.

=*Coryphotriccus parvus distinctus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 5: 137, 1927.

209464. Adult male. Río Reventazón, at Guayabo Station, Province of Cartago, Costa Rica. March 18, 1908. Collected by Francisco L. Basulto, for Robert Ridgway and José C. Zeledón. Original number 272. Museum-Zeledón Expedition.

Genus MYIOZETETES Sclater

Muscicapa texensis Giraud

Description of sixteen new species of North American birds, [p. 5,] pl. 1, 1841.

=*Myiozetetes similis texensis* (Giraud). See Hellmayr, Catalogue of birds of the Americas 5: 144, 1927.

47689. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

Stone (Auk 36: 464–472, 1919) has brought together most of what is known of Giraud and of his famous "sixteen new species" from "Texas," and has there observed that he did never "present any information as to who collected them or how they came into his possession."

It may be surmised, however, that they came to him through John G. Bell, a taxidermist and dealer with whom he was intimate. In Dall's biography of Spencer F. Baird (Chapter 2), we learn that, at Bell's establishment, Baird was introduced to Giraud and other prominent naturalists, and that through these connections he acquired a great number of bird skins (see Baird's letter to his brother William, dated December 20, 1841, *in* Dall, pp. 57–59). The specimens got at this period were entered into Baird's private register as Nos. 456–580, with the notation: "The Specimens following . . . were obtained in New York and brought home January 25, 1842 without any knowledge of the localities of most of them, with a few exceptions." Among numerous birds accredited to Giraud, Bell, Audubon, Trudeau, Lawrence, Woodhouse, and Brasher, we find "Muscicapa Derhami. Giraud. Texas. Bell," "Fringilla Texensis. Giraud. Texas. Bell," "Pipra Galericulata. Giraud. Texas. Bell," and "Setophaga Rubra. Sw. Texas. Bell."

Baird's No. 561, entered as "Setophaga Rubra Sw.," is at hand (now USNM 561). The oldest label has on one side, in Baird's cursive script: "561 Parus Leucotis. Giraud / Texas / B[ell]. N Y 1842," and, written with another pen, presumably later, "Setophaga rubra." On the other side, with the same pen, appears in the disconnected script used in Baird's register: "Setophaga rubra—Sw. / Syn Mex Birds / 561 / Texas? / Bell." A second and more recently attached label has, in Baird's writing, "Type of Parus leucotis. Giraud." See also my remarks under *Pipra galericulata* Giraud (p. 577).

The conclusion is inescapable that, while a set of Giraud's new forms passed into his own collection, in at least some cases there were cotypes that stayed in the possession of Bell, from whom they were obtained by Baird, labeled with Giraud's names.

The friendship between Baird and Giraud, begun at the end of 1841, lasted until the latter's death in 1870. Holograph letters from Giraud in the Smithsonian archives, dated June 5 and June 16, 1867, indicate that Baird asked for the gift to the national collection of his set of the "sixteen new birds," which were then in storage at Vassar College. Stone erred (*op. cit.*, p. 467) in saying that only thirteen are in Washington, for all sixteen were entered into the museum register on July 11, 1867, and are are still preserved among our types.

Genus TYRANNOPSIS Ridgway

Tyrannus luggeri Ridgway

Proc. U.S. Nat. Mus. 1: 469 (in key), 481, May 1879.

=*Tyrannopsis sulphurea* (von Spix). See Hellmayr, Catalogue of birds of the Americas 5: 147, 1927.

83981. Immature (sex not indicated). Demerara County, British Guiana. Received, in July 1881, as part of the collection of Robert Ridgway, who acquired it, in January 1879, as part of a private exchange of specimens with Otto Lugger.

Genus PITANGUS Swainson

Pitangus sulphuratus texanus Van Rossem

Trans. San Diego Soc. Nat. Hist. 9 (17) : 82, April 30, 1940.

135066. Adult male. Brownsville, Cameron County, Texas. December 8, 1893. Collected by Frank B. Armstrong.

Pitangus sulphuratus argentinus Todd

Ann. Carnegie Mus. 32 (5) : 291, February 15, 1952.

284392. Adult male. Lavalle, Province of Buenos Aires, Argentina. November 13, 1920. Collected by Alexander Wetmore. Original number 5352. Received from the U.S. Fish and Wildlife Service.

Genus MYIARCHUS Cabanis

M[yiarchus]. pertinax Baird

Proc. Acad. Nat. Sci. Philadelphia 11: 301, 303 (not earlier than November 29), 1859.

=*Myiarchus cinerascens pertinax* Baird. See Hellmayr, Catalogue of birds of the Americas 5: 160, 1927.

12944. Adult male. Cape San Lucas, State of Baja California, México. May 1857. Collected by John Xántus. Original number 186.

12945. Adult female. Original number 185. Other data same as for No. 12944.

12946. Adult female. Original number 82. Other data same as for No. 12944.

A fourth cotype, No. 12943, a male, was sent in December 1885 to Fernando Ferrari-Pérez; its present whereabouts is unknown.

Myiarchus nuttingi Ridgway

Proc. U.S. Nat. Mus. 5: 394, September 16, 1882.

=*Myiarchus nuttingi nuttingi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 5: 161, 1927.

87391. Adult male. Hacienda "La Palma," about 10 miles NW. of Colorado, Province of Guanacaste?, Costa Rica. April 24, 1882. Collected by Charles C. Nutting. Original number 243.

Carriker (Ann. Carnegie Mus. 6: 348, 1910) defines the type locality as "A small hamlet in the Canton de Nicoya, between the Gulf of Nicoya and the city of the same name," but Nutting himself (Proc. U.S. Nat. Mus. 5: 383, 1882) says "La Palma is situated about 10 miles northwest of Colorado, a little hamlet on the northern coast of the gulf." It probably lies on the Río La Palma, shown on Carriker's map as entering the Golfo Colorado just north of the northeastern corner of the Isla Chira.

Ridgway drew up his original description from six examples, of which four, from the Isthmus of Tehuantepec, belong to the race later named *inquietus* by Salvin and Godman. The remaining specimen, a female from Hacienda "La Palma," was returned to Nutting on July 15, 1882.

M[yiarchus]. brachyurus Ridgway

Manual of North American birds, p. 334, September 1887.

=*Myiarchus brachyurus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 5: 161, 1927.

91057. Adult male. Ometepe Island, in Lake Nicaragua, Nicaragua. March 7, 1883. Collected by Charles C. Nutting. Original number 745.

Myiarchus mexicanus magister Ridgway

Proc. Biol. Soc. Washington 2: 90, April 10, 1884.

=*Myiarchus tyrannulus magister* Ridgway. See Hellmayr, Catalogue of birds of the Americas, 5: 162, 1927.

86005. Adult male. Camp Lowell, Cochise County, Arizona. June 21, 1881. Collector unnamed. Original number 558. Received from William Brewster, in whose private collection it was No. 6245.

57640. Adult female. "Tehuantepec," State of Oaxaca, México. December 16, 1868. Collected by Adrien L. F. Sumichrast. Original number 225.

Myiarchus magister nelsoni Ridgway

U.S. Nat. Mus. Bull. 50 (4): 903, July 1, 1907.

=*Myiarchus tyrannulus cooperi* Baird. See A.O.U. Committee on Classification and Nomenclature, Auk 72: 294, 1955.

158786. Adult male. Alta Mira, State of Tamaulipas, México. April 4, 1898. Collected by Edward A. Goldman. Original number 5202. Received from the U.S. Fish and Wildlife Service.

Myiarchus cooperi Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xxx, 180, 1858.

=*Myiarchus tyrannulus cooperi* Baird. See Deignan, Condor 51: 270, 1949.

9100. Adult (sex not indicated). "México." Entered into the museum register on February 17, 1858. Received from the Maison Verreaux.

Myiarchus oberi nugator Riley

Smithsonian Misc. Coll. 47 [Quarterly Issue 2] (4): 275, November 9, 1904.

=*Myiarchus tyrannulus nugator* Riley. See Bond, Checklist of birds of the West Indies, p. 87, 1945.

74171. Adult male. Grenada Island, Windward Islands, Caribbean Sea. March 1878. Collected by Frederick A. Ober. Original number 540.

Myiarchus Oberi Lawrence

Ann. New York Acad. Sci. 1 (1–2): 48, December 1877.

=*Myiarchus tyrannulus oberi* Lawrence. See Bond, Checklist of birds of the West Indies, p. 88, 1945.

77828. Adult male. Landat, Dominica Island, Leeward Islands, Caribbean Sea. March 1877. Collected by Frederick A. Ober. Original number 165.

77829. Adult female. Landat, Dominica Island, Leeward Islands, Caribbean Sea. March 1877. Collected by Frederick A. Ober. Original number 192.

Myiarchus sclateri Lawrence

Proc. U.S. Nat. Mus. 1: 357, March 17, 1879.

=*Myiarchus tyrannulus sclateri* Lawrence. See Bond, Checklist of birds of the West Indies, p. 88, 1945.

75163. Adult (sex not indicated). Martinique Island, Windward Islands, Caribbean Sea. August 1878. Collected by Frederick A. Ober. Original number 788.

Myiarchus yucatanensis Lawrence

Proc. Acad. Nat. Sci. Philadelphia, for 1871: 235, December 12, 1871.

39213. Adult (sex not indicated). Mérida, State of Yucatán, México. April 9, 1865. Collected by Arthur C. V. Schott. Original number 375.

This form was originally identified by Lawrence as *Myiarchus* "*mexicanus*" (Ann. Lyc. Nat. Hist. New York 9: 202–203, 1869); at that time he had before him a specimen of his own and our No. 39213. If our bird was in his hands in 1871 when he drew up the description of *M. yucatanensis* it may be considered a valid cotype; otherwise, it is not even a paratype. Lawrence ordinarily wrote the word "Type" on the label of each of his cotypes; in the case of No. 39213, Schott's label has been removed and replaced by one of Coues's labels for "Studies of the Tyrannidae." In these circumstances, it is no longer possible to know whether our specimen has any claim to a place in this list, and I include it only because the late Charles W. Richmond chose to give it the benefit of the doubt.

Myiarchus pelzelni von Berlepsch

Ibis (5) 1 (2): 139, April 1883.

=*Myiarchus pelzelni pelzelni* von Berlepsch. See Hellmayr, Catalogue of birds of the Americas 5: 171, 1927.

108236. Adult (sex not indicated). State of Baía, Brazil. Prior to August 1879 (when it was acquired by von Berlepsch). Received from Hans von Berlepsch (in whose private collection it was No. 5735), who obtained it by purchase from Ashmead and Argent, dealers in London.

This form was based upon three specimens with identical data, all acquired by von Berlepsch at the same time and place. One other cotype was given to Sclater, from whose possession it passed into that of the British Museum (Natural History), London; the third may still exist in one of the German collections.

Myiarchus ferox actiosus Ridgway

Proc. Biol. Soc. Washington 19: 116, September 6, 1906.

198632. Adult male. Pigres, Territory of Puntarrenas, Costa Rica. March 6, 1905. Collected by Robert Ridgway.

Myiarchus ferox audens Wetmore

Smithsonian Misc. Coll. 122 (8) : 5, December 17, 1953.

443502. Adult female. Nuquí (Pacific coast at lat. 5°40′ N.), Intendancy of Chocó, Colombia. March 5, 1951. Collected by Melbourne A. Carriker, Jr. Original number 19780.

Muscicapa lawrenceii Giraud

Description of sixteen new species of North American birds, [p. 7], pl. 2, fig. 1, 1841.

=*Myiarchus tuberculifer lawrenceii* (Giraud). See Hellmayr, Catalogue of birds of the Americas 5: 185, 1927.

47690. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275). The type locality for this bird has been corrected to the Mexican State of Nuevo León, by Miller and Griscom (Amer. Mus. Nov. 159: 7, February 16, 1925).

Myiarchus lawrencei tresmariæ Nelson

Proc. Biol. Soc. Washington 17: 49, March 10, 1904.

=*Myiarchus tuberculifer tresmariae* Nelson. See Hellmayr, Catalogue of birds of the Americas 5: 186, 1927.

156810. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 7 (not 5), 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4319. Received from the U.S. Fish and Wildlife Service.

Myiarchus lawrencei querulus Nelson

Proc. Biol. Soc. Washington 17: 47, March 10, 1904.

=*Myiarchus tuberculifer querulus* Nelson. See Hellmayr, Catalogue of birds of the Americas 5: 185, 1927.

185220. Adult male. Los Reyes, State of Michoacán, México. February 17, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9137. Received from the U.S. Fish and Wildlife Service.

Myiarchus lawrencei olivascens Ridgway

Proc. Biol. Soc. Washington 2: 91, April 10, 1884.

=*Myiarchus tuberculifer olivascens* Ridgway. See Hellmayr, Catalogue of birds of the Americas 5: 186, 1927.

57655. Adult male. Santa Efigenia, State of Oaxaca, México. December 25, 1868. Collected by Adrien L. F. Sumichrast. Original number 316.

Myiarchus platyrhynchus Ridgway

Proc. Biol. Soc. Washington 3: 23, February 26, 1885.

=*Myiarchus tuberculifer platyrhynchus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 5: 185, 1927.

102738. Adult female? Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 22, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

This specimen was originally preserved in alcohol and, as a result, is greatly decolorized.

Myiarchus coalei Ridgway

Proc. U.S. Nat. Mus. 9: 520, February 14, 1887.

=*Myiarchus tuberculifer tuberculifer* d'Orbigny and Lafresnaye. See Zimmer and Phelps, Amer. Mus. Nov. 1312: 12, 1946.

106040. Adult (sex not indicated). "Orinoco, Venezuela?" Entered into the museum register on November 16, 1885. Original number 4. Received from Henry K. Coale.

Genus NESOTRICCUS Townsend

Nesotriccus Ridgwayi C. H. Townsend

Bull. Mus. Comp. Zool. 27 (3): 124, July 1895.

=*Nesotriccus ridgwayi* Townsend. See Hellmayr, Catalogue of birds of the Americas 5: 188, 1927.

131691. Adult male. Cocos Island, eastern Pacific Ocean at lat 5°35′ N., long. 87°2′ W. February 28, 1891. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus DELTARHYNCHUS Ridgway

Myiarchus flammulatus Lawrence

Ann. Lyc. Nat. Hist. New York 11 (3–4): 71, February 1875.

=*Deltarhynchus flammulatus* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 5: 188, 1927.

91879. Adult (sex not indicated). Cacoprieto, State of Oaxaca, México. June 1872. Collected by Adrien L. F. Sumichrast. Original number 1555.

Genus CONTOPUS Cabanis

Contopus vicinus Ridgway

Proc. U.S. Nat. Mus. 10: 576, August 6, 1888.

=*Contopus virens* (Linnaeus). See Hellmayr, Catalogue of birds of the Americas 5: 190, 1927; A.O.U. Committee on Classification and Nomenclature, Auk 64: 449–450, 1947.

111270. Adult male. Swan Island, Caribbean Sea at lat. 17°30′ N., long. 84°00′ W. April 14, 1887. Collected by Charles H. Townsend. Original number 1866.

Contopus Veliei Coues

Proc. Acad. Nat. Sci. Philadelphia 18: 61, March 1866.

=*Contopus sordidulus veliei* Coues. See Phillips and Parkes, Condor 57: 246, 1955.

36938. Adult male. Fort Whipple (near Prescott), Yavapai County, Arizona. August 10, 1864. Collected by Elliott Coues. Original number 522.

The number of cotypes is unknown, and most of them are probably no longer in the collection; even Dr. Velie's "first example from the mountains of Colorado Territory" is not now to be found in Washington. No. 36938 is a lectotype, chosen by Coues, at Richmond's prompting, long after publication of the name. It should be mentioned that Phillips and Parkes (*op. cit.*, p. 245) consider Dr. Velie's lost specimen to be the only possible type

Contopus schottii Lawrence

Ann. Lyc. Nat. Hist. New York 9 (6): 202, May 1869.

=*Contopus cinereus brachytarsus* (Sclater). See Hellmayr, Catalogue of birds of the Americas 5: 198, 1927; A.O.U. Committee on Classification and Nomenclature, Auk 64: 449–450, 1947.

37695. Adult (sex not indicated). Mérida, State of Yucatán, México. February 21, 1865. Collected by Arthur C. V. Schott. Original number 205. Comisión Científica de Yucatán.

Contopus depressirostris Ridgway

Proc. U.S. Nat. Mus. 6: 403 (footnote), April 26, 1884.

=*Contopus cinereus brachytarsus* (Sclater). See Hellmayr, Catalogue of birds of the Americas 5: 198, 1927; A.O.U. Committee on Classification and Nomenclature, Auk 64: 449–450, 1947.

91235. Adult male. Hacienda "Los Sábalos" (on the Río San Juan, about 30 miles from the east shore of Lake Nicaragua), Department of Chontales, Nicaragua. May 8, 1883. Collected by Charles C. Nutting. Original number 883.

91234. Adult female. Hacienda "Los Sábalos," Department of Chontales, Nicaragua. May 2, 1883. Collected by Charles C. Nutting. Original number 830.

Contopus cinereus aithalodes Wetmore

Smithsonian Misc. Coll. 134 (9): 65, July 8, 1957.

460992. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. January 19, 1956. Collected by Alexander Wetmore. Original number 20326.

Contopus punensis Lawrence

Ann. Lyc. Nat. Hist. New York 9 (8) : 237, December 1869.

=*Contopus cinereus punensis* Lawrence. See Hellmayr, Catalogue of birds of the Americas 5: 197, 1927; A.O.U. Committee on Classification and Nomenclature, Auk 60: 449–450, 1947.

54105. Immature (sex not indicated). Puná Island (in the Gulf of Guayaquil), Province of Guayas, Ecuador. Entered into the museum register on February 15, 1869. Collected by J. F. Reeve.

Contopus lugubris Lawrence

Ann. Lyc. Nat. Hist. New York 8: 134 (not earlier than May 1), 1865.

34824. Adult female. Barranca, "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcán de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. April 18, 1864. Collected by Julián Carmiol.

Contopus caribaeus morenoi Burleigh and Duvall

Proc. Biol. Soc. Washington 61: 167, September 3, 1948.

395059. Adult male. Cayo del Rosario (east of the Isle of Pines and south of the Peninsula of Zapata, in the Gulf of Batabanó), Archipiélago de los Canarreos, Cuba. March 21, 1948. Collected by Thomas D. Burleigh and Allen J. Duvall. Original number 290. Received from the U.S. Fish and Wildlife Service.

Tyrannula carribœa (var., hispaniolensis) Bryant

Proc. Boston Soc. Nat. Hist. 11: 91 (not earlier than May), 1867.

=*Contopus caribaeus hispaniolensis* (Bryant). See Bond, Checklist of birds of the West Indies, ed. 3, p. 101, 1950.

42474. Adult (sex not indicated). Mountains near Port-au-Prince, Republic of Haiti, Hispaniola. June 6, 1866. Collected by A. E. Younglove. Original number 131.

Blacicus hispaniolensis tacitus Wetmore

Proc. Biol. Soc. Washington 41: 201, December 18, 1928.

=*Contopus caribaeus tacitus* (Wetmore). See Burleigh and Duvall, Proc. Biol. Soc. Washington 61: 168, 1948.

252964. Adult male. Anse à Galets, Île de la Gonâve (in the Gulf of Gonaïves), Republic of Haiti, Hispaniola. March 9, 1920. Collected by William L. Abbott.

Blacicus brunneicapillus Lawrence

Ann. New York Acad. Sci. 1 (5–6) : 161, July 1878.

=*Contopus latirostris brunneicapillus* (Lawrence). See Bond, Checklist of birds of the West Indies, ed. 3, p. 101, 1950.

77830. Adult male. Dominica Island, Leeward Islands, Caribbean Sea. 1877. Collected by Frederick A. Ober. Original number 19.

Genus EMPIDONAX Cabanis

Tyrannula flaviventris W. M. Baird and S. F. Baird

Proc. Acad. Nat. Sci. Philadelphia 1 (28): 283, September 1843.

=*Empidonax flaviventris* (Baird and Baird). See A.O.U. Checklist of North American Birds, ed. 5, p. 342, 1957.

985. Adult male. Carlisle, Cumberland County, Pennsylvania. May 18, 1843. Collected by William M. Baird and Spencer F. Baird. Original number 985. Received from Spencer F. Baird, of whose private collection it once formed part.

This form was established upon an unknown number of specimens collected at Carlisle in the spring of 1843, all of which have equal claim to typeship. One example was presented to the Academy of Natural Sciences of Philadelphia, whence it has long since vanished without trace (see Stone, Proc. Acad. Nat. Sci. Philadelphia, for 1899, p. 23, 1899). Our No. 985 seems to be the only one of the original series extant, in which case it becomes the only possible type.

A manuscript note of the late Charles W. Richmond states that the part of the Proceedings containing the Bairds' description of *Tyrannula flaviventris* was issued not later than September 6, 1843.

Empidonax traillii alascensis A. R. Phillips

Auk 65 (4): 509, October 22, 1948.

=*Empidonax traillii traillii* (Audubon). See Aldrich, Wilson Bull. 53: 193, 194, 1951.

187242. Adult male. Charlie Creek=Kandik River (a stream entering the Yukon River from the northeast near Charlieville), east-central Alaska. June 21, 1903. Collected by Wilfred H. Osgood. Original number 774. Received from the U.S. Fish and Wildlife Service.

Muscicapa Traillii Audubon

Birds of America (folio) 1 (9): pl. 45, 1828; Ornithological biography 1: 236, 1831.

=*Empidonax traillii traillii* (Audubon). See Oberholser, Ohio Journ. Sci. 18: 88–90, 1918; Aldrich, Wilson Bull. 53: 193–194, 1951.

1865. Adult (sex not indicated). "Woods along the prairie lands of the Arkansas River," Arkansas. Received from Spencer F. Baird, who acquired it from John J. Audubon.

A very full discussion of the claims of this specimen to typeship will be found in Oberholser's study, to which reference is made above.

Empidonax traillii brewsteri Oberholser

Ohio Journ. Sci. 18 (3): 93, January 1918.

158360. Adult male. Cloverdale, Nye County, Nevada. May 31, 1898. Collected by Harry C. Oberholser. Original number 57. Received from the U.S. Fish and Wildlife Service.

Empidonax traillii campestris Aldrich

Wilson Bull. 63 (3) : 195, September 26, 1951.

259504. Adult male. Oakes, Dickey County, North Dakota. June 29, 1915. Collected by H. H. Sheldon. Original number 129. Received from the U.S. Fish and Wildlife Service.

Empidonax gracilis Ridgway

Proc. Biol. Soc. Washington 3: 23, February 26, 1885.

=*Empidonax minimus* (Baird). See Hellmayr, Catalogue of birds of the Americas 5: 209, 210, 1927.

102737. Adult female? Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 22, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

This specimen is decolorized as a result of having been originally preserved in alcohol.

Tyrannula hammondii Xántus

Proc. Acad. Nat. Sci. Philadelphia 10: 117 (not earlier than May 25), 1858.

=*Empidonax hammondii* (Xántus). See Hellmayr, Catalogue of birds of the Americas 5: 210, 1927.

10079. Adult male. Fort Tejon, Kern County, California. October 18— (entered into the museum register on March 27, 1858). Collected by John Xántus. Original number 803.

10080. Adult female. Fort Tejon, Kern County, California. October 18— (entered into the museum register on March 27, 1858). Collected by John Xántus. Original number 652.

Empidonax oberholseri A. R. Phillips

Auk 56 (3) : 311, June 29, 1939.

342070. Adult male. Hart Prairie, San Francisco Mountain, Coconino County, Arizona. June 13, 1938. Collected by Allan R. Phillips. Original number 352. Received from the U.S. Fish and Wildlife Service, which acquired it from Allan R. Phillips, in whose private collection it was No. 220.

E[mpidonax]. wrightii Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 200, 1858.

=*Empidonax wrightii* Baird. See Phillips, Auk 56: 311–312, 1939.

7234. Adult male? El Paso, El Paso County, Texas. May 4, 1850. Collected by Charles Wright.

A cotype, No. 7237, a male taken by Wright at El Paso on April 3, 1850, was sent in April 1872 to the museum at Buenos Aires.

Empidonax trepidus Nelson

Auk 18 (1): 47, January 1901.

=*Empidonax affinis trepidus* Nelson. See Van Rossem, Bull. Mus. Comp. Zool. 57: 393, 1934.

154593. Adult male. Hacienda "Chancol," Department of Huehuetenango, Guatemala. January 5, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3354. Received from the U.S. Fish and Wildlife Service.

Empidonax difficilis Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 198, 1858.

=*Empidonax difficilis difficilis* Baird. See Moore, Auk 57: 369, 1940.

7243. Adult (sex not indicated). Shoalwater Bay, Pacific County, Washington. July 4, 1854. Collected by James G. Cooper. Original number 84. Pacific Railroad Survey, Line of the 47th Parallel.

13720. Adult male. Fort Tejon, Kern County, California. Entered into the museum register in December 24, 1859. Collected by John Xántus. Original number 1680.

13721. Immature male. Fort Tejon, Kern County, California. Entered into the museum register on December 24, 1859. Collected by John Xántus. Original number 615.

This name was based upon four cotypes, of which one, No. 5920, from Fort Steilacoom, Washington, cannot now be found in the collection.

It is instructive to observe the careless manner in which Fort Tejon has come to be considered the restricted type locality, despite the fact that one of the Washington proveniences might well have seemed more suitable to a thoughtful student of the problem. No. 13720 was long ago set aside by Richmond as the only possible type, because, as he wrote on the red type label, "Species was based on 3 skins, of which this is the only adult one"; *ergo*, the restricted type locality must be Fort Tejon. But No. 7243 is in fact likewise an adult, as may also have been No. 5920. There were, moreover, not three, but four, cotypes; No. 13721 arrived at the museum together with No. 13720, and was identified by Baird himself as an example of *difficilis*. There is nothing whatsoever in the original description that makes one Fort Tejon specimen more important than the other, since Baird failed even to indicate whether he had one bird or two.

Xántus's skins were not registered until a year or more after publication of Baird's new name, so that museum numbers were not yet available for them. Since, however, Baird neglected to give even the sex and collector's numbers, clearly shown on the original labels, one must wonder whether mention of the California birds was not a last-minute addition to the manuscript, with comment on the new form actually based upon the Washington specimens, which had already been in the museum collection for years.

Empidonax insulicola Oberholser

Auk 14 (3) : 300, July 1897.

=*Empidonax difficilis difficilis* Baird. See Grinnell, Univ. California Publ. Zool. 38: 284, 1932.

140078. Adult male. Santa Rosa Island, Channel Islands, Santa Barbara County, California. July 3, 1892. Collected by Clark P. Streator. Received from the U.S. Fish and Wildlife Service.

Empidonax bairdi perplexus Nelson

Auk 17 (3) : 263, July 1900.

=*Empidonax difficilis difficilis* Baird. See Hellmayr, Catalogue of birds of the Americas 5: 213, 1927.

154569. Adult female. Puerto Ángel, State of Oaxaca, México. March 13, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2558. Received from the U.S. Fish and Wildlife Service.

Empidonax bairdi occidentalis Nelson

Auk 14 (1) : 53, January 1897.

=*Empidonax difficilis occidentalis* Nelson. See Moore, Auk 57: 373–375, 1940.

154599. Adult male? Pluma, State of Oaxaca, México. March 18, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2566. Received from the U.S. Fish and Wildlife Service.

Empidonax salvini Ridgway

Ibis (5) 4: 459, October 1886.

=*Empidonax difficilis salvini* Ridgway. See Moore, Auk 57: 377, 1940.

84053. Adult male. Calderas (a hamlet on the Volcán de Fuego), Department of Sacatepéquez, Guatemala. October 10, 1873. Collected by Osbert Salvin. Received from Robert Ridgway, who acquired it for his private collection from Osbert Salvin.

Empidonax flavescens imperturbatus Wetmore

Auk 59 (2) : 267, April 10, 1942.

359904. Adult male. Volcán San Martín (at elev. 3,000 feet), Sierra de Tuxtla, State of Veracruz, México. April 16, 1940. Collected by Melbourne A. Carriker, Jr.

Empidonax flavescens Lawrence

Ann. Lyc. Nat. Hist. New York 8: 133 (not earlier than May 1), 1865.

=*Empidonax flavescens flavescens* Lawrence. See Hellmayr, Catalogue of birds of the Americas 5: 214, 1927; Moore, Auk 57: 349, 378, 1940.

34818. Adult male. Barranca, "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcán de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. April 17, 1864. Collected by Julián Carmiol.

35329. Subadult (sex not indicated). Grecia (on the lower slopes of the Volcán de Póas), Province of Alajuela, Costa Rica. November 30, 1864. Collected by Julián Carmiol.

Although greater emphasis was obviously placed by Lawrence on No. 34818, yet by the rules adopted for this study No. 35329 must be considered a cotype. Lawrence himself wrote the word "Type" upon the label of each specimen.

Empidonax viridescens Ridgway

Proc. U.S. Nat. Mus. 6: 413, April 26, 1884.

=*Empidonax flavescens flavescens* Lawrence. See Hellmayr, Catalogue of birds of the Americas 5: 214, 1927; Moore, Auk 57: 349, 378, 1940.

91826. Adult (sex not indicated). Cervantes, Province of Cartago, Costa Rica. 1882. Collected by Juan J. Cooper. Received from José C. Zeledón.

Blacicus flaviventris Lawrence

in Wells, Proc. U.S. Nat. Mus. 9: 617, February 24, 1887.

=*Empidonax euleri lawrencei* J. A. Allen. See Bond, Checklist of birds of the West Indies, p. 91, 1945.

151807=151129 (reentered). Immature (sex not indicated). "Hampden," Saint Andrew's, Grenada Island, Windward Islands, Caribbean Sea. March 16, 1880. Collected by John G. Wells.

For reasons unknown, the specimen was not entered into the museum register until October 10, 1895, when it became No. 151129. Unfortunately, this number was not written upon the label, with the result that, on January 24, 1896, it was entered again as No. 151807.

E[mpidonax]. brunneus Ridgway

in Baird, Brewer, and Ridgway, History of North American birds 2: 363 (in key), January 1874.

=*Empidonax euleri argentinus* (Cabanis). See Wetmore, U.S. Nat. Mus. Bull. 133: 335, 1926; Hellmayr, Catalogue of birds of the Americas 5: 218, 1927.

20970. Adult female. Paraná, Province of Entre Ríos, Argentina. March 1860. Collected by Christopher Wood? Original number 54. Second U.S. Survey of the Río Paraná (1859–1860).

Hellmayr (*loc. cit.*, footnote c) believed Paraná to be in Paraguay and, making a personal examination of this type, saw in it all the characters of *E. e. euleri*, the race of Brazil and Paraguay!

There is, however, not the least doubt that the specimen came from the Argentine city of Paraná (see data for *Rhynchotus arcanus* Wetmore, p. 4), where, according to Hellmayr himself, the resident form is *E. e. argentinus*.

Empidonax griseipectus Lawrence

Ann. Lyc. Nat. Hist. New York 9 (7): 236, June 1869.

50709. Adult (sex not indicated). Guayaquil (not Puná Island), Province of Guayas, Ecuador. Entered into the museum register on March 26, 1868. Collected by Alcide Destruge (not J. F. Reeve).

Empidonax timidus Nelson

Auk 17 (3): 263, July 1900.

=*Empidonax albigularis timidus* Nelson. See Moore, Auk 57: 379, 380, 1940.

163905. Adult male. El Salto, State of Durango, México. July 17, 1898. Collected by Edward W. Nelson and Edward A. Goldman. Original number 5671. Received from the U.S. Fish and Wildlife Service.

E[mpidonax]. axillaris Ridgway

in Baird, Brewer, and Ridgway, History of North American birds 2: 363 (in key), January 1874.

=*Empidonax albigularis axillaris* Ridgway. See Moore, Auk 57: 379–380, 382–383, 1940.

42514. Adult female. Orizaba, State of Veracruz, México. July 21, 1866. Collected by Adrien L. F. Sumichrast. Original number 226.

42515. Adult male. Orizaba, State of Veracruz, México. July 15, 1866. Collected by Adrien L. F. Sumichrast. Original number 220.

80406=42516 (reentry). Adult female. Orizaba, State of Veracruz, México. July 15, 1866. Collected by Adrien L. F. Sumichrast. Original number 217.

No. 80406 represents yet another case in which Ridgway made an exchange between his private collection and the public collection of which he was curator. As usually happened in such a case, the original label was removed from the specimen and presumably destroyed, to be replaced by one of Ridgway's own, upon which the data had been transcribed, not always so accurately or completely as one might wish. When the bird was returned to the museum in 1880, together with many others of similar history, it was unfortunately reentered as No. 80406.

Muscicapa fulvifrons Giraud

Description of sixteen new species of North American birds [p. 9], pl. 2, fig. 2, 1841.

=*Empidonax fulvifrons fulvifrons* (Giraud). See Hellmayr, Catalogue of birds of the Americas 5: 220, 1927.

47691. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

E[mpidonax]. pygmæus Coues

Ibis (2) 1 (4): 537, October 1865.

Mitrephorus pallescens Coues

Proc. Acad. Nat. Sci. Philadelphia 18: 63 (not earlier than March 27), 1866.

=*Empidonax fulvifrons pygmaeus* Coues. See Hellmayr, Catalogue of birds of the Americas 5: 220, 1927.

40601. Adult male. Fort Whipple (near Prescott), Yavapai County, Arizona. May 9, 1865. Collected by Elliott Coues. Original number 1423.

40602. Adult female. Fort Whipple, Yavapai County, Arizona. May 9, 1865. Collected by Elliott Coues. Original number 1422.

Coues renamed these two specimens, because "the species being not smaller than [*Mitrephorus*] *fulvifrons*, the name *pygmæus* would convey an erroneous impression regarding it."

Empidonax fulvifrons fusciceps Nelson

Proc. Biol. Soc. Washington 17: 152, October 6, 1904.

193713. Adult male. Comitán, State of Chiapas, México. March 29, 1904. Collected by Edward A. Goldman. Original number 10625. Received from the U.S. Fish and Wildlife Service.

Genus MITREPHANES Coues

Mitrephorus aurantiiventris Lawrence

Ann. Lyc. Nat. Hist. New York 8: 173 (not earlier than October 23), 1865.

=*Mitrephanes phaeocercus aurantiiventris* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 5: 228, 1927.

39052. Adult (sex not indicated). Tabacales, Province of Cartago?, Costa Rica. January 4, 1864. Collected by Alexander von Frantzius. Original number 139.

Mitrephanes eminulus Nelson

Smithsonian Misc. Coll. 60 (3): 13, September 27, 1912.

=*Mitrephanes phaeocercus eminulus* Nelson. See Hellmayr, Catalogue of birds of the Americas 5: 229, 1927.

238135. Adult male. Santa Cruz de Cana, Department of Darién, Panamá. February 26, 1912. Collected by Edward A. Goldman. Original number 15206. Received from the U.S. Fish and Wildlife Service.

Genus PRAEDO Nelson

Prædo audax Nelson

Smithsonian Misc. Coll. 60 (3): 15, September 27, 1912.

=*Praedo audax* Nelson. See Hellmayr, Catalogue of birds of the Americas 5: 234, 1927.

238681. Adult male. Santa Cruz de Cana (at elev. 1,800 [*not* 2,000] feet), Department of Darién, Panamá. March 19, 1912. Collected by Edward A. Goldman. Original number 15403. Received from the U.S. Fish and Wildlife Service.

Genus PYRRHOMYIAS Cabanis and Heine

Pyrrhomyias vieillotoïdes spadix Wetmore

Smithsonian Misc. Coll. 98 (4): 5, March 10, 1939.

=*Pyrrhomyias vieillotioides spadix* Wetmore.

171139. Adult male. Los Palmales (elev. 450 meters), State of Monagas, Venezuela. December 7, 1898. Collected by Frederick W. Urich. Original number 48.

Genus PLATYRINCHUS Desmarest

Platyrhynchus insularis J. A. Allen

Bull. Amer. Mus. Nat. Hist. 2 (3) : 143, June 28, 1889.

=*Platyrinchus mystaceus insularis* (J. A. Allen). See Hellmayr, Catalogue of birds of the Americas 5: 266, 267, 1927.

74845. Adult male. Belmont, Tobago Island, Caribbean Sea. April 17, 1878. Collected by Frederick A. Ober. Original number 17.

74843. Adult female. Tobago Island, Caribbean Sea. May 1878. Collected by Frederick A. Ober. Original number 240.

Platyrhynchus cancrominus P. L. Sclater and Salvin

Proc. Zool. Soc. London 28 (2) : 299, August 1860.

=*Platyrinchus cancrominus* (P. L. Sclater and Salvin). See Hellmayr, Catalogue of birds of the Americas 5: 269, 1927.

20456. Adult (sex not indicated). Choctum, Department of Alta Vera Paz, Guatemala. January 1860. Collected by Osbert Salvin. Original number 2072. Received from Osbert Salvin.

30819. Adult (sex not indicated). Choctum, Department of Alta Vera Paz, Guatemala. January 1860. Collected by Osbert Salvin. Original number 1191. Received from Osbert Salvin and Frederick du C. Godman.

The number of cotypes was not stated by Sclater and Salvin; it is probable that some, if not all, of the four specimens from Alta Vera Paz listed in the Catalogue of Birds in the British Museum 14: 66, 1888, fall into this category.

Genus TOLMOMYIAS Hellmayr

Rhynchocyclus scotius Oberholser

Proc. U.S. Nat. Mus. 25: 63, August 30, 1902.

=*Tolmomyias sulphurescens sulphurescens* (von Spix). See Hellmayr, Catalogue of birds of the Americas 5: 273 (footnote b), 1927.

59181. Adult (sex not indicated). "Brazil." Entered into the museum register in February 1870. Received from Philip L. Sclater, in whose private collection it was No. 1353.

Genus RHYNCHOCYCLUS Cabanis and Heine

Rhynchocyclus griseimentalis Lawrence

Ann. Lyc. Nat. Hist. New York 9 (1–4) : 112, April 1868.

=*Rhynchocyclus brevirostris brevirostris* (Cabanis). See Hellmayr, Catalogue of birds of the Americas 5: 291, 1927.

47502 (not 47501). Adult female. Santa María de Dota, Province of Cartago, Costa Rica. February 27, 1867. Collected by Julián Carmiol.

Genus LOPHOTRICCUS von Berlepsch

Lophotriccus squamicristatus minor Cherrie

Proc. U.S. Nat. Mus. 14: 337, September 4, 1891.

=*Lophotriccus pileatus luteiventris* Taczanowski. See Hellmayr, Catalogue of birds of the Americas 5: 329, 1927.

35305. Adult male. Grecia (on the lower slopes of the Volcán de Póas), Province of Alajuela, Costa Rica. December 1, 1864. Collected by Julián (not F[rancisco].) Carmiol.

Lophotriccus zeledoni Cherrie

Proc. U.S. Nat. Mus. 14: 337, September 4, 1891.

=*Lophotriccus pileatus luteiventris* Taczanowski. See Hellmayr, Catalogue of birds of the Americas 5: 329, 1927.

47492. Adult female. Santa María de Dota, Province of Cartago, Costa Rica. October 4, 1866 (not 1867). Collected by Julián (not F[rancisco].) Carmiol.

Genus COLOPTERYX Ridgway

Colopteryx inornatus Ridgway

Proc. U.S. Nat. Mus. 10: 519, August 6, 1888.

=*Colopteryx galeatus* (Boddaert). See Hellmayr, Catalogue of birds of the Americas 5: 519, 1927.

120888. Adult female. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. June 16, 1887. Collected by Clarence B. Riker. Original number 2.

Genus PERISSOTRICCUS Oberholser

Orchilus atricapillus Lawrence

Ibis (3) 5: 385, July 1875.

=*Perissotriccus atricapillus* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 5: 339, 1927.

34811. Adult male. Angostura, Province of Cartago, Costa Rica. June 12, 1869. Collected by Julián Carmiol.

64660. Adult male. "Costa Rica" (not Volcán de Irazú). Entered into the museum register on November 4, 1873. Collected by José C. Zeledón. Original number 337. Received from William M. Gabb.

Because Lawrence, at the original description, referred to "Prof. Gabb, of the Talamanca Expedition," numerous authors have stated that No. 64660 came from "Talamanca." In fact, it was one of a lot of birds labeled as from "Costa Rica," a very few of which have an additional locality, either "Talamanca" or "San José." Since a specimen with original number 352 is from "San José," it is very probable that No. 64660 (original number 337) is likewise from that neighborhood.

Genus PSEUDOTRICCUS Taczanowski and von Berlepsch

Pseudotriccus pelzelni berlepschi Nelson

Smithsonian Misc. Coll. 60 (21) : 1, February 26, 1913.

238137. Adult male. Mount Pirri (at elev. 5,200 feet), near the head of the Río Limón, Department of Darién, Panamá. April 23, 1912. Collected by Edward A. Goldman. Original number 15578. Received from the U.S. Fish and Wildlife Service.

Genus PHYLLOSCARTES Cabanis and Heine

Hemitriccus pammictus Oberholser

Proc. U.S. Nat. Mus. 25: 64, August 30, 1902.

=*Phylloscartes pammictus* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 5: 353, 1927.

23967. Adult (sex not indicated). "South America (Cruise of the Delaware)"=State of Rio de Janeiro, Brazil. 1841 or 1842. Collected by G. R. B. Horner. Received from the National Institute.

The U.S.S. *Delaware*, in the course of the cruise in question, visited, on the South American mainland, only Rio de Janeiro and Montevideo (see Horner, Medical topography of Brazil and Uruguay, Philadelphia, 1845).

Genus CAPSIEMPIS Cabanis and Heine

Elainea semiflava Lawrence

Ann. Lyc. Nat. Hist. New York 8: 177 (not earlier than October 23), 1865.

=*Capsiempis flaveola semiflava* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 5: 357, 1927.

40361. Adult male. David, Department of Chiriquí, Panamá. March 1865. Collected by Fred Hicks.

Capsiempis flaveola cerula Wetmore

Smithsonian Misc. Coll. 98 (4) : 6, March 10, 1939.

352009. Adult male. Independencia, Ocumare de la Costa, State of Aragua, Venezuela. October 28, 1937. Collected by Alexander Wetmore. Original number 9714.

Genus SPIZITORNIS Oberholser

Regulus plumulosus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 94, "pl. XXV, fig. 4." 1848.

=*Spizitornis parulus parulus* (von Kittlitz). See Hellmayr, Catalogue of birds of the Americas 5: 370, 371, 1927.

15218. Adult (sex not indicated). Near Valparaíso, Province of Aconcagua, Chile. May 28, 1839. Collected by Titian R. Peale. Original number 158. U.S. Exploring Expedition (1838–1842).

Spizitornis parulus lippus Wetmore

Univ. California Publ. Zool. 21 (12) : 336, June 16, 1923.

116157. Adult (sex not indicated). Mayne Harbor (lat. 51°19′ S., long. 74°06′ W.), Evans Island, Owens Islands, Territory of Magallanes, Chile. February 5, 1888. Collected by naturalists of the U.S. Fish Commission Steamer *Albatross.* Received from the U.S. Fish Commission.

Genus UROMYIAS Hellmayr

Anæretes agraphia Chapman

Proc. Biol. Soc. Washington 32: 263, December 31, 1919.

=*Uromyias agraphia* (Chapman). See Zimmer, Amer. Mus. Nov. 1095: 10, 1940.

273008. Adult female. Above Idma (at elev. 9,000 feet), near Santa Ana, Department of Cuzco, Perú. October 10, 1915. Collected by Edmund Heller. Original number 588. Yale University-National Geographic Society Peruvian Expedition.

Genus MECOCERCULUS Sclater

Ochthoeca rufimarginata acrophila Oberholser

Proc. U.S. Nat. Mus. 25: 61, August 30, 1902.

=*Mecocerculus leucophrys rufomarginatus* (Lawrence). See Zimmer, Amer. Mus. Nov. 1095: 16, 1940.

32915. Adult male. "Río Napo," Ecuador. Entered into the museum register in March 1864. Received from the Maison Verreaux.

Mecocerculus stictopterus euplastus Oberholser

Proc. U.S. Nat. Mus. 25: 63, August 30, 1902.

=*Mecocerculus stictopterus taeniopterus* Cabanis. See Zimmer, Amer. Mus. Nov. 1095: 17, 1940.

159818. Adult male. Hacienda "Marainioc," Department of Junín, Perú. September 1, 1892. Collected by Jan Kalinowski. Original number 1736. Received from the Branicki Museum, Warsaw.

Serpophaga leucura Lawrence

Ibis (3) 5: 384, pl. 9, fig. 2, July 1875.

=*Mecocerculus calopterus* (Sclater and Salvin). See Hellmayr, Catalogue of birds of the Americas 5:399, 1927.

77957. Adult (sex not indicated). "Ecuador." Entered into the museum register on May 21, 1879. Received from the Wesleyan University Museum, Middletown, Connecticut.

Genus ELAENIA Sundevall

Elaenia flavogaster cristula Wetmore

Smithsonian Misc. Coll. 121 (2): 22, December 2, 1952.

445281. Adult male. Taboga Island (in the Bay of Panamá off the Pacific entrance of the Panamá Canal), Province of Panamá, Panamá. March 16, 1952. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 17311.

Elaenia flavogaster silvicultrix Wetmore

Proc. Biol. Soc. Washington 59: 51, March 11, 1946.

376315. Adult male. San José Island, Pearl Islands, Bay of Panamá, Panamá. February 18, 1944. Collected by Alexander Wetmore and Joseph P. E. Morrison. Original number 11980.

Elainea cinerescens Ridgway

Proc. U.S. Nat. Mus. 7: 180, September 1, 1884.

=*Elaenia martinica cinerescens* Ridgway. See Hellmayr, Catalogue of birds of the Americas 5: 410, 1927.

97849. Adult male. Old Providence Island, Caribbean Sea off Nicaragua. April 4–9, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

97848. Adult female. Same data as No. 97849.

Each of these cotypes was originally preserved in alcohol.

Elainea Chiriquensis Lawrence

Ann. Lyc. Nat. Hist. New York 8: 176 (not earlier than October 23), 1865.

=*Elaenia chiriquensis chiriquensis* Lawrence. See Hellmayr, Catalogue of birds of the Americas 5: 420, 1927.

40352. Adult male. David, Department of Chiriquí, Panamá. March 1865. Collected by Fred Hicks.

40353. Adult female. David, Department of Chiriquí, Panamá. March 1865. Collected by Fred Hicks.

Elainea Frantzii Lawrence

Ann. Lyc. Nat. Hist. New York 8: 172 (not earlier than October 23), 1865.

=*Elaenia obscura frantzii* Lawrence. See Hellmayr, Catalogue of birds of the Americas 5: 427, 1927.

39047. Adult (sex not indicated). San José, Province of San José, Costa Rica. Entered into the museum register on June 26, 1865. Collected by Alexander von Frantzius. Original number 135.

Elænia frantzii stolzmanni Ridgway

Proc. Biol. Soc. Washington 19: 116, September 6, 1906.

=*Elaenia obscura obscura* (d'Orbigny and Lafresnaye). See Zimmer, Amer. Mus. Nov. 1108: 15, 1941.

88441. Adult female. Tambillo, Department of Cajamarca, Perú. September 11, 1877. Collected by Jean (*not* "F.") Stolzmann. Original number 442. Received from Hans von Berlepsch (in whose private collection it was No. 4151), who acquired it from Ladislas Taczanowski.

Myopagis yucatanensis Nelson

Proc. Biol. Soc. Washington 14: 172, September 25, 1901.

=*Elaenia viridicata placens* Sclater. See Hellmayr, Catalogue of birds of the Americas 5: 437, 438, 1927.

167552. Immature (not adult) female. La Vega, State of Yucatán, México. March 22, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7871. Received from the U.S. Fish and Wildlife Service.

Myiopagis placens jaliscensis Nelson

Auk 17 (3) : 264, July 1900.

=*Elaenia viridicata jaliscensis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 5: 438, 1927.

156022. Adult male. San Sebastián, State of Jalisco, México. March 18, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3908. Received from the U.S. Fish and Wildlife Service.

Myiopagis placens minimus Nelson

Proc. Biol. Soc. Washington 12: 9, January 27, 1898.

=*Elaenia viridicata minima* (Nelson). See Hellmayr, Catalogue of birds of the Americas 5: 438, 1927.

156817. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 10, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4343. Received from the U.S. Fish and Wildlife Service.

Genus SUIRIRI d'Orbigny

Suiriri improvisa Wetmore

Auk 41 (4) : 595, October 3, 1924.

=*Suiriri suiriri* (Vieillot). See Hellmayr, Catalogue of birds of the Americas 5: 443 (footnote a), 1927.

284899. Adult female. Tapia, Province of Tucumán, Argentina. April 9, 1921. Collected by Alexander Wetmore. Original number 6435. Received from the U.S. Fish and Wildlife Service.

Genus PHAEOMYIAS von Berlepsch

Phaeomyias murina eremonoma Wetmore

Smithsonian Misc. Coll. 122 (8) : 7, December 17, 1953.

400534. Adult male. On the Río Santa María, four miles north of París, Province of Herrera, Panamá. February 24, 1948. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 13500.

Genus CAMPTOSTOMA Sclater

Ornithion pusillum subflavum Cherrie

Proc. U.S. Nat. Mus. 15: 28, Mar. 25, 1892.

=*Camptostoma obsoletum flaviventre* Sclater and Salvin. See Hellmayr, Catalogue of birds of the Americas, 5: 460, 1927.

124617. Adult female. Pozo Azul de Pirrís (a region of heavy forest on the Río Grande de Pirrís, about ten miles from the Pacific Ocean), Province of San José, Costa Rica. May 8, 1891. Collected by Cecil F. Underwood. Received from the Museo Nacional de Costa Rica, where it was No. 5980.

Camptostoma obsoletum orphnum Wetmore

Smithsonian Misc. Coll. 134 (9) : 70, July 8, 1957.

460918. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. January 29, 1956. Collected by Alexander Wetmore. Original number 20521.

Ornithion napæum Ridgway

Proc. U.S. Nat. Mus. 10: 520, Aug. 6, 1888.

=*Camptostoma obsoletum napaeum* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 5: 458, 1927.

112271. Adult female. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. July 9, 1887. Collected by Clarence B. Riker.

Genus XANTHOMYIAS von Berlepsch

Mecocerculus subtropicalis Chapman

Proc. Biol. Soc. Washington 32: 262, Dec. 31, 1919.

=*Xanthomyias sclateri subtropicalis* (Chapman). See Zimmer, Amer. Mus. Nov. 1109: 16, 1941.

273007. Adult male. San Miguel Bridge (elev. 6,000, not 5,000 feet), near Machu Picchu, Department of Cuzco, Perú. June 22, 1915. Collected by Edmund Heller. Original number 250. Yale University-National Geographic Society Peruvian Expedition.

Genus PHYLLOMYIAS Cabanis and Heine

Phyllomyias griseiceps quantulus Wetmore

Smithsonian Misc. Coll. 122 (8) : 8, Dec. 17, 1953.

420014. Adult male. Santa Cruz de Cana (elev. 1,800 feet), Province of Darién, Panamá. June 1, 1912. Collected by Edward A. Goldman. Original number 15783. Received from the U.S. Fish and Wildlife Service.

Genus TYRANNISCUS Cabanis and Heine

E[laenia]. viridiflava von Tschudi

Archiv für Naturgeschichte 10 (1): 274, 1844.

=*Tyranniscus viridiflavus* (von Tschudi). See Zimmer, Amer. Mus. Nov. 1109: 22, 1941.

41921. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

Hellmayr (Catalogue of birds of the Americas 5: 474, 1927) states that a cotype of this form was seen by him at the Neuchâtel Museum.

Genus OREOTRICCUS Richmond

Pogonotriccus plumbeiceps Lawrence

Ann. Lyc. Nat. Hist. New York 9 (8): 267, December 1869.

=*Oreotriccus plumbeiceps* (Lawrence). See Zimmer, Amer. Mus. Nov. 1126: 1, 1941.

47105. Adult (sex not indicated). "Bogotá," Colombia. Entered into the museum register on June 1, 1867. Received from Allen A. Burton.

Genus LEPTOPOGON Cabanis

L[eptopogon]. superciliaris von Tschudi

Archiv für Naturgeschichte 10 (1): 275, 1844.

=*Leptopogon superciliaris superciliaris* von Tschudi. See Zimmer, Amer. Mus. Nov. 1126: 4, 1941.

41917. Adult (sex not indicated). Perú=Montaña de Vitoc, Department of Junín (see Hellmayr, Catalogue of birds of the Americas 5: 485, 1927). Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

According to Zimmer (*loc. cit.*), at least one cotype of this form is in the collection of the Berlin Museum.

Leptopogon amaurocephalus idius Wetmore

Smithsonian Misc. Coll. 134 (9): 71, July 8, 1957.

460975. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. February 3, 1956. Collected by Alexander Wetmore. Original number 20587.

Leptopogon amaurocephalus icastus Oberholser

Proc. Biol. Soc. Washington 14: 187, Dec. 12, 1901.

=*Leptopogon amaurocephalus amaurochephalus* von Tschudi. See Hellmayr, Catalogue of birds of the Americas 5: 487, 488, 1927.

173405. Adult male. Sapucay (on the railway between Asunción and Villarica), Paraguay. July 23, 1900. Collected by William T. Foster. Original number 177.

Genus MIONECTES Cabanis

Mionectes olivaceus Lawrence

Ann. Lyc. Nat. Hist. New York 9 (1–4) : 111, April 1868.

=*Mionectes olivaceus olivaceus* Lawrence. See Hellmayr, Catalogue of birds of the Americas 5: 494, 1927.

42923. Adult male. Barranca, "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcán de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. February 26, 1866. Collected by Julián Carmiol.

33421. Adult female. Santa María de Dota, Province of Cartago, Costa Rica. January 20, 1864. Collected by Julián Carmiol. Original number 6.

Genus PIPROMORPHA G. R. Gray

Mionectes semischistaceus Cherrie

Proc. U.S. Nat. Mus. 15: 27, Mar. 25, 1892.

=*Pipromorpha oleaginea assimilis* (Sclater). See Hellmayr, Catalogue of birds of the Americas 5: 500 (footnote a), 1927.

124616. Adult female. Guayabal, Province of Cartago, Costa Rica. February 24, 1891. Collected by Cecil F. Underwood. Received from the Museo Nacional de Costa Rica, where it was No. 6432.

Family PITTIDAE: Pittas

Genus PITTA Vieillot

Pitta irena ripleyi Deignan

Proc. Biol. Soc. Washington 59: 55, Mar. 11, 1946.

=*Pitta guajana ripleyi* Deignan. See Delacour, Birds of Malaysia, pp. 190, 191, 1947.

333828. Adult male. Khao Soi Dao (lat. 7°20′ N., long. 99°50′ E.), Trang Province, peninsular Siam. January 1, 1934. Collected by Hugh McC. Smith. Original number 6826.

Pitta coronata Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 89, "pl. XXIV, fig. 3," 1848.

=*Pitta sordida cucullata* Hartlaub. See Sclater, Catalogue of the birds in the British Museum 14: 442, 443, 1888; Chasen, Handlist of Malaysian birds, p. 158, 1935.

14465. Adult (sex not indicated). Singapore Island, Malaya. U.S. Exploring Expedition (1838–1842).

Pitta abbotti Richmond

Proc. U.S. Nat. Mus. 25: 298, Sept. 17, 1902.

=*Pitta sordida abbotti* Richmond, *fide* Deignan MS.

178566. Adult male. Great Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. March 30, 1901. Collected by William L. Abbott.

Pitta moluccensis lepta Oberholser

Smithsonian Misc. Coll. 60 (7): 8, Oct. 26, 1912.

=*Pitta brachyura moluccensis* (P. L. S. Müller). See Ripley, Bull. Mus. Comp. Zool. 94: 371–372, 1944; Deignan, U.S. Nat. Mus. Bull. 186: 262, 263, 1945.

179801. Adult male. Siaba Bay, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 15, 1903. Collected by William L. Abbott.

Family ALAUDIDAE: Larks

Genus ALAUDA Linnaeus

Alauda blakistoni Stejneger

Proc. Biol. Soc. Washington 2: 98, Apr. 10, 1884.

=*Alauda arvensis pekinensis* Swinhoe. See Hartert, Vögel der paläarktischen Fauna 1 (3): 248, 1905.

92658. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. April 19, 1883. Collected by Leonhard H. Stejneger. Original number 1995.

92660. Adult female. Petropavlovsk-Kamchatskii, Kamchatka District, Far-Eastern Region, U.S.S.R. May 20, 1883. Collected by Leonhard H. Stejneger. Original number 2046.

Genus MIRAFRA Horsfield

Mirafra candida Friedmann

Auk 47 (3): 418, July 3, 1930.

246221. Adult male. Northern Uaso Nyiro River (near Archer's Post, Northern Frontier District), Kenya Colony. August 2, 1912. Collected by Edgar A. Mearns. Original number 23386. Childs Frick African Expedition.

Mirafra pulpa Friedmann

Occas. Pap. Boston Soc. Nat. Hist. 5: 257, Apr. 4 (not 2), 1930.

246241. Adult male. Northern side of the Sagon River (at about lat. 5°15′ N., long. 37°20′ E.), southwestern Ethiopia. May 19, 1912. Collected by Edgar A. Mearns. Original number 21841. Childs Frick African Expedition.

Mirafra assamica subsessor Deignan

Zoologica, New York 26 (3): 241, Oct. 31, 1941.

313450. Adult female. Chiang Mai (elev. 1,000 feet), Chiang Mai Province, northern Siam. November 24, 1928. Collected by Hugh McC. Smith. Original number 2606.

Genus EREMOPHILA Brehm

[Eremophila alpestris] "var. *bei*" Ridgway

in Baird, Brewer, and Ridgway, History of North American birds 2: 141, 142, January 1874.

=*Eremophila alpestris brandti* (Dresser). See Opinion 448, Opinions and Declarations Rendered by the International Commission on Zoological Nomenclature 15 (13): 227–228, 1957.

56585. Adult male. Sarepta (near Stalingrad), Lower Volga Region, Russian S.F.S.R. February 20, 18— (not later than 1869). Original number 667. Received from Wilhelm Schlüter, a dealer of Halle an der Saale.

Ridgway's name is older than Dresser's, but has been declared unavailable, because it is a German preposition misread by the author as a MS. name.

Otocoris penicillata oreodrama Oberholser

Proc. U.S. Nat. Mus. 24: 806 (in key), 876, June 9, 1902.

=*Eremophila alpestris diluta* (Bowdler Sharpe). See Hellmayr, Publ. Field Mus. Nat. Hist. (zool. ser.) 17 (3): 78, 1929; Hartert, Vögel der paläarktischen Fauna 1 (3): 259, 1905.

150222. Adult male. Tagdumbash Pamir (at elev. 12,000 feet), Sinkiang (near the point where it meets Afghanistan and Kashmir). June 16, 1894. Collected by William L. Abbott.

Otocoris longirostris argalea Oberholser

Proc. U.S. Nat. Mus. 24: 806 (in key), 871, June 9, 1902.

=*Eremophila alpestris argalea* (Oberholser). See Hellmayr, Publ. Field Mus. Nat. Hist. (zool. ser.) 17 (3): 76, 1929; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsband, p. 132, 1933.

150218. Adult male. Suget Pass (about lat. 36°10′ N., long. 76°28′ E.), at elev. 16,000 feet, Kashmir-Sinkiang boundary. July 28, 1893. Collected by William L. Abbott.

Otocoris longirostris perissa Oberholser

Proc. U.S. Nat. Mus. 24: 806 (in key), 869, June 9, 1902.

=*Eremophila alpestris longirostris* (Moore). See Hellmayr, Publ. Field Mus. Nat. Hist. (zool. ser.) 17 (3): 72, 74, 1929; Hartert, Vögel der paläarktischen Fauna 1 (3): 260, 1905.

162845. Adult male. "Tsokr Chumo (lake)," Ladak District, Kashmir. July 11, 1897. Collected by William L. Abbott.

Otocoris alpestris arcticola Oberholser

Proc. U.S. Nat. Mus. 24: 806 (in key), 816, June 9, 1902.

=*Eremophila alpestris arcticola* (Oberholser). See A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

78565. Adult male. Fort Reliance (formerly on the Yukon River near Dawson), Yukon Territory, Canada. May 7, 1879. Collected by Edward W. Nelson. Original number 1204.

Otocoris alpestris enthymia Oberholser

Proc. U.S. Nat. Mus. 24: 807 (in key), 817, June 9, 1902.

=*Eremophila alpestris enthymia* (Oberholser). See A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

175258. Adult male. Saint Louis, Prince Albert Electoral District, Province of Saskatchewan, Canada. April 10, 1893. Collected by Eugene Coubeaux.

Eremophila alpestris (Forst.), var. **leucolæma** Coues

Checklist of North American birds, p. 125, 1874.

=*Eremophila alpestris leucolaema* Coues. See A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

85096. Adult male. Fort Randall, Gregory County, South Dakota. March 8, 1873. Collected by Elliott Coues. Original number 2745.

The first appearance of this name is usually supposed to be in Coues, Birds of the Northwest (p. 38, "1874"=1875), but the reference given above, dated "1873" and actually published in 1874, has priority. Information on the type may be found in Birds of the Northwest, p. 39.

No. 85096 was presented to the museum of Brown University on May 6, 1882, but was returned to the United States National Museum on November 1, 1897.

O[tocorys]. alpestris arenicola Henshaw

Auk 1 (3): 259, 263, 265, July 1884.

=*Eremophila alpestris leucolaema* Coues. See Oberholser, Proc. U.S. Nat. Mus. 24: 820, 1902; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

67009. Adult male. Denver, Denver County, Colorado. May 9, 1873. Collected by Henry W. Henshaw. Original number 30. Expedition for Exploration West of the 100th Meridian.

351732. Adult male. Denver, Denver County, Colorado. May 9, 1873. Collected by Henry W. Henshaw. Original number 29. Expedition for Exploration West of the 100th Meridian.

Henshaw mentioned neither type nor type locality, but on page 263 referred to "16 males" and gave the range of *arenicola* as "Great Basin of United States and Rocky mountains." Many years later, at Ridgway's request (see Birds of North and Middle America 4: 311 [footnote *a*], 1907), he selected No. 67009 as the type, and since his original series must have contained specimens of several different races, his choice of a Denver bird makes a useful restriction of type locality.

No. 351732 lay in the collection without an entry number until September 17, 1937. Inasmuch as its data are the same as for No. 67009, it is, from my point of view, a cotype.

Neither of these birds carries an original label: all data for No. 67009 are in Ridgway's hand, and all for No. 351732 were written by Riley.

O[tocorys]. alpestris praticola Henshaw

Auk 1 (3): 258, 263, 264, July 1884.

=*Eremophila alpestris praticola* (Henshaw). See Oberholser, Proc. U.S. Nat. Mus. 24: 825, 1902; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

90763. Adult male. Richland County, Illinois. May 16, 1883. Collected by Robert Ridgway. Received from Robert Ridgway, of whose private collection it once formed part.

95583. Adult male. Gainesville, Cooke County, Texas. February 12, 1884. Collected by George H. Ragsdale.

90760. Adult female. Richland County, Illinois. May 25, 1883. Collected by Robert Ridgway. Received from Robert Ridgway, of whose private collection it once formed part.

85417. Adult female. Mount Carmel, Wabash County, Illinois. December 20, 1874. Collected by Samuel S. Turner. Original number 69.

90761. Immature male? Richland County, Illinois. May 29, 1883. Collected by Robert Ridgway. Received from Robert Ridgway, of whose private collection it once formed part.

90792. Immature female? Richland County, Illinois. May 16, 1883. Collected by Robert Ridgway. Received from Robert Ridgway, of whose private collection it once formed part.

Otocorys alpestris giraudi Henshaw

Auk 1 (3): 260, 263, 266, July 1884.

=*Eremophila alpestris giraudi* (Henshaw). See Oberholser, Proc. U.S. Nat. Mus. 24: 831, 1902; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

73706. Adult male. Texas. 1871. Collected by George B. Sennett. Original number 7.

73707. Adult female. Brownsville, Cameron County, Texas. March 29, 1871. Collected by George B. Sennett. Original number 108.

The known proveniences for the collection of which these cotypes formed part are Brownsville, Hidalgo, and Galveston. For a few specimens, among which are No. 73706, not even the museum register gives definite locality or date, so there is no apparent authority for Henshaw's assertion that his male type came from Corpus Christi. There is, however, a possibility that this information was acquired by correspondence with the collector.

O[tocorys]. alpestris strigata Henshaw

Auk 1 (3): 261, 264, 267, July 1884.

=*Eremophila alpestris strigata* (Henshaw). See Behle, Univ. California Publ. Zool. 46: 252, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

8734. Adult male. Fort Steilacoom, Pierce County, Washington. April 15, 1856. Collected by George Suckley. Original number 299. Pacific Railroad Survey, Line of the 47th Parallel.

8733. Adult female. Fort Steilacoom, Pierce County, Washington. March 20, 1856. Collected by George Suckley. Original number 285. Pacific Railroad Survey, Line of the 47th Parallel.

103587. Adult female. Albany, Linn County, Oregon. January 22, 1881. Collected by Henry W. Henshaw. Received from Henry W. Henshaw, of whose private collection it once formed part.

A fourth cotype, No. 80477 from Yuba County, California, has not been found; it is perhaps representative of a race other than *strigata.*

Otocoris alpestris alpina Jewett

Auk 60 (2): 262, Apr. 5, 1943.

=*Eremophila alpestris alpina* (Jewett). See A.O.U. Committee on Classification and Nomenclature, Auk 54: 450, 1947.

364874. Adult male. Mount Saint Helens (Arctic-Alpine Zone), Skamania County, Washington. June 10, 1941. Collected by Stanley G. Jewett, Sr. Original number 1016. Received from the U.S. Fish and Wildlife Service.

Otocoris alpestris sierrae Oberholser

Condor 22 (1): 34, Jan. 26, 1920.

=*Eremophila alpestris sierrae* (Oberholser). See Behle, Univ. California Publ. Zool. 46: 246, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

203534. Adult male. Head of Pine Creek ("probably near present Bogard Ranger Station, some 25 miles east-northeast of Lassen Peak," *fide* Grinnell, Univ. California Publ. Zool. 38: 285, 1932), Lassen County, California. June 13, 1906. Collected by A. Sterling Bunnell. Original number 267. Received from the U.S. Fish and Wildlife Service.

[Otocoris alpestris] insularis "Townsend" Dwight

Auk 7 (2): 152, April 1890.

Otocoris alpestris insularis Townsend

Proc. U.S. Nat. Mus. 13: 140, Sept. 9, 1890.

=*Eremophila alpestris insularis* (Dwight). See Behle, Univ. California Publ. Zool. 46: 257, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

117674. Adult male. San Clemente Island, Los Angeles County, California. January 25, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Dwight wrote: "Mr. C. H. Townsend has kindly loaned me a series of ten male Horned Larks from the Santa Cruz group of Islands, California, including the type of the race he calls *insularis.*" Townsend, not realizing that he had been anticipated, later formally named *insularis,* with No. 117674 as *the* type.

Otocoris alpestris actia Oberholser

Proc. U.S. Nat. Mus. 24: 806 (in key), 845, June 9, 1902.

=*Eremophila alpestris actia* (Oberholser). See Behle, Univ. California Publ. Zool. 46: 264, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

133678. Adult male. Jacumba, San Diego County, California. May 23, 1894. Collected by Edgar A. Mearns. Original number 10920. Mexican-United States International Boundary Commission.

Alauda rufa "Lath." Audubon

Birds of America 7: 353, pl. 497, 1844.

=*Eremophila alpestris actia* (Oberholser). See Grinnel, Univ. California Publ. Zool. 38: 286, 1932; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

2893. Adult (sex not indicated). "Western States"=Los Angeles, Los Angeles County, California? Collected by William Gambel? Received from Spencer F. Baird, in whose private collection it was No. 2893.

All that is known or may be surmised of this specimen, traditionally a type of *Alauda rufa* Audubon, has been brought together by Grinnell (*loc. cit.*).

Otocoris alpestris enertera Oberholser

Proc. Biol. Soc. Washington 20: 41, Mar. 27, 1907.

=*Eremophila alpestris enertera* (Oberholser). See Behle, Univ. California Publ. Zool. 46: 279, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

196076. Adult male. Llano de Yrais (a plain on the eastern side of Magdalena Bay at about lat. 24°40′ N.), State of Baja California, México. December 13, 1905. Collected by Edward W. Nelson and Edward A. Goldman. Original number 11866. Received from the U.S. Fish and Wildlife Service.

O[tocorys]. alpestris rubeus Henshaw

Auk 1 (3): 260, 263, 267, July 1884.

=*Eremophila alpestris rubea* (Henshaw). See Behle, Univ. California Publ. Zool. 46: 262, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

76599. Adult male. Marysville, Yuba County (not Stockton, San Joaquin County), California. February 1878. Collected by Lyman Belding.

Grinnell (Univ. California Publ. Zool. 38: 285, 1932) has shown that No. 76599 received erroneous data sometime after its reception in Washington, and that Belding himself (Proc. U.S. Nat. Mus. 1: 423, 1879) stated that it had been taken at Marysville.

Henshaw's female "cotype," No. 82413 from Santa Rosalia Bay, is an example of *E. a. enertera.*

Dwight (Auk 7: 151, 1890) has commented on a specimen of *rubea*, No. 83968 from Placer County, California, marked by Ridgway as "Type!" It is conceivable that Henshaw in fact described the female of *rubea* from this example, but carelessly entered data from another specimen into his manuscript, and that this was known as a fact to Ridgway (of whose private collection the bird once formed part, and who wrote all the data on its oldest label), but at this date it is hardly possible to prove typeship for the Placer County skin.

Otocoris alpestris adusta Dwight

Auk 7 (2): 148, April 1890.

=*Eremophila alpestris adusta* (Dwight). See Behle, Univ. California Publ. Zool. 46: 282, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

116918. Immature (sex not indicated). Sulphur Spring, Cochise County, Arizona. August 18, 1874. Collected by — Johnson. Original number 439. Explorations and Surveys West of the 100th Meridian, Expedition of 1874.

Dwight's three other cotypes of this form are preserved in the Museum of Comparative Zoology, where they are Nos. 223555, 223575, and 223588.

Otocoris alpestris ammophila Oberholser

Proc. U.S. Nat. Mus. 24: 806 (in key), 849, June 9, 1902.

=*Eremophila alpestris ammophila* (Oberholser). See Behle, Univ. California Publ. Zool. 46: 271, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

139892. Adult male. Near Maturango Spring, Coso Valley, Inyo County, California. May 11, 1891. Collected by Theodore S. Palmer. Death Valley Expedition. Received from the U.S. Fish and Wildlife Service.

Otocoris alpestris leucansiptila Oberholser

Proc. U.S. Nat. Mus. 24: 806 (in key), 864, June 9, 1902.

=*Eremophila alpestris leucansiptila* (Oberholser). See Behle, Univ. California Publ. Zool. 46: 276, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

132970. Adult male. Yuma, Yuma County, Arizona. March 13, 1894. Collected by Edgar A. Mearns and Francis X. Holzner. Original number 10352. Mexican-United States International Boundary Commission.

Otocoris alpestris pallida "Townsend, MS." Dwight

Auk 7 (2): 154, April 1890.

Otocoris alpestris pallida Townsend

Proc. U.S. Nat. Mus. 13: 138, Sept. 9, 1890.

Chionophilos alpestris dwighti Stresemann

Orn. Monatsb. 30 (4): 88, July 1, 1922.

=*Eremophila alpestris leucansiptila* (Oberholser). See Van Rossem, Occas. Pap. Mus. Zool., Louisiana State Univ. 21: 164, 1945.

117679. Adult male. Near mouth of Río Colorado=Direction Hill, between Adair Bay and the mouth of the Río Colorado, State of Sonora, México. March 26, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Dwight wrote: "Mr. C. H. Townsend has recently described a race from Lower California and kindly permitted me to examine his type." Townsend, not realizing that he had been anticipated, later formally named *pallida* with No. 117679 as the type.

Stresemann's *dwighti* is a renaming of *Otocoris alpestris pallida* Dwight, preoccupied by *Phileremos pallidus* Brehm, 1842, and is based upon the same type specimen.

Otocoris alpestris aphrasta Oberholser

Proc. U.S. Nat. Mus. 24: 806 (in key), 860, June 9, 1902.

=*Eremophila alpestris aphrasta* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 8: 9, 1935; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

165133. Adult male. Casas Grandes, State of Chihuahua, México. May 13, 1899. Collected by Edward W. Nelson and Edward A. Goldman. Original number 6478. Received from the U.S. Fish and Wildlife Service.

Otocoris alpestris diaphora Oberholser

Proc. U.S. Nat. Mus. 24: 806 (in key), 829, June 9, 1902.

=*Eremophila alpestris diaphora* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 8: 10, 1935; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

158830. Adult male. Miquihuana, State of Tamaulipas, México. June 8, 1898. Collected by Edward W. Nelson and Edward A. Goldman. Original number 5537. Received from the U.S. Fish and Wildlife Service.

Alauda minor Giraud

Description of sixteen new species of North American birds, [p. 33,] 1841.

=*Eremophila alpestris chrysolaema* (Wagler). See Oberholser, Proc. U.S. Nat. Mus. 24: 842, 844, 1902; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

47701. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

Otocoris alpestris oaxacæ Nelson

Auk 14 (1): 54, January 1897.

=*Eremophila alpestris oaxacae* (Nelson). See Hellmayr, Catalogue of birds of the Americas 8: 10, 1935; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

145003. Adult male. San Mateo del Mar, State of Oaxaca, México. May 15, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2700. Received from the U.S. Fish and Wildlife Service.

Family HIRUNDINIDAE: Swallows

Genus HIRUNDO Linnaeus

Hirundo saturata "Stejneger, MS." Ridgway

Proc. U.S. Nat. Mus. 6: 95, Aug. 2, 1883.

=*Hirundo rustica saturata* Ridgway. See Vaurie, Amer. Mus. Nov. 1694: 11, 1954.

89165. Adult male. Petropavlovsk-Kamchatskii, Kamchatka District, Far-Eastern Region, U.S.S.R. June 28, 1882. Collected by Leonhard H. Stejneger. Original number 1234.

89166. Adult female. Petropavlovsk-Kamchatskii, Kamchatka District, Far-Eastern Region, U.S.S.R. June 28, 1882. Collected by Leonhard H. Stejneger. Original number 1235.

Hirundo rustica insularis Burleigh

Occas. Pap. Mus. Zool., Louisiana State Univ. 11: 179, Mar. 4, 1942.

364873. Adult male. Ship Island (16 miles southeast of Gulfport), Harrison County, Mississippi. June 4, 1938. Collected by Thomas D. Burleigh. Original number 5112 (not 5113). Received from the U.S. Fish and Wildlife Service.

Hypurolepis javanica hypolampra Oberholser

Journ. Washington Acad. Sci. 16 (19): 515, Nov. 18, 1926.

=*Hirundo tahitica abbotti* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 161 (footnote 2), 1935.

179936. Adult female. Lafau, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 22, 1903. Collected by William L. Abbott.

Hypurolepis javanica abbotti Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 32, June 30, 1917.

=*Hirundo tahitica abbotti* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 161, 1935.

171048. Adult male. Pulau Manguan, Anamba Islands, South China Sea. September 1, 1899. Collected by William L. Abbott.

Hypurolepis javanica mesata Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 51, 1932.

=*Hirundo tahitica abbotti* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 161, 1935.

174837. Adult male. Pulau Seraya, southern Natuna Islands, South China Sea. May 29, 1900. Collected by William L. Abbott.

Hypurolepis javanica mallopega Oberholser

Journ. Washington Acad. Sci. 16 (19): 515, Nov. 18, 1926.

=*Hirundo tahitica abbotti* (Oberholser). See Hachisuka, Birds of the Philippine Islands 2 (4): 278, 279 (footnote 1), 1935.

202219. Adult male. Mount Santo Tomás (at elev. 5,250 feet), Benguet Subprovince, Mountain Province, Luzón Island, Philippine Islands.

December 31, 1906. Collected by Edgar A. Mearns. Original number 14642.

Petrochelidon albifrons hypopolia Oberholser

Canadian Field-Naturalist 33(5): 95, Jan. 3, 1920.

=*Hirundo pyrrhonota hypopolia* (Oberholser). See A.O.U. Committee on Classification and Nomenclature, Auk 62: 444, 1945; Mayr and Bond, Ibis 85: 339–341, 1943.

195055. Adult male. Fort Norman (at the confluence of the Great Bear River with the Mackenzie), District of Mackenzie, Northwest Territories, Canada. June 11, 1904. Collected by Edward A. Preble. Original number 1830. Received from the U.S. Fish and Wildlife Service.

Petrochelidon lunifrons tachina Oberholser

Proc. Biol. Soc. Washington 16:15, Feb. 21, 1903.

=*Hirundo pyrrhonota tachina* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 8: 31, 1935; Mayr and Bond, Ibis 85: 339–341, 1943.

168271. Adult male. Langtry, Val Verde County, Texas. April 26, 1901. Collected by Harry C. Oberholser. Original number 180. Received from the U.S. Fish and Wildlife Service.

Petrochelidon fulva pallida Nelson

Proc. Biol. Soc. Washington 15: 211, Oct. 10, 1902.

=*Hirundo fulva pallida* (Nelson). See Hellmayr, Catalogue of birds of the Americas 8: 35, 1935; Mayr and Bond, Ibis 85: 339–341, 1943.

183703. Adult male. Saltillo, State of Coahuila, México. April 17, 1902. Collected by Edward W. Nelson and Edward A. Goldman. Original number 8605. Received from the U.S. Fish and Wildlife Service.

Hirundo rufocollaris Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 175, "pl. XLIX, fig. 1," 1848.

=*Hirundo fulva rufocollaris* Peale. See Hellmayr, Catalogue of birds of the Americas 8: 35, 1935; Mayr and Bond, Ibis 85: 339–341, 1943.

14999. Adult male. Near Callao, Province of Callao, Perú. July 12, 1839. U.S. Exploring Expedition (1838–1842).

Genus RIPARIA T. Forster

Clivicola riparia maximiliani Stejneger

U.S. Nat. Mus. Bull. 29: 378 (footnote), 1885.

=*Riparia riparia riparia* (Linnaeus). See Hellmayr, Catalogue of birds of the Americas 8: 63, 64, 1935.

5597. Adult female. "E[ast]. of [Fort] Riley," Geary County, Kansas. June 17, 1856. Collected by William S. Wood. Original number 24.

19544. Adult (sex not indicated). Fort Simpson, District of Mackenzie, Northwest Territories, Canada. June 10, 1860. Collected by Bernard R. Ross. Original number 432.

20641. Adult male. Hannah Bay River (entering James Bay from the south, east of Moose Factory), Province of Ontario, Canada. June 9, 1860. Collected by Constantin Drexler. Original number 102.

27302. Adult (sex not indicated). "Youkon; mouth of Porcupine River" =vicinity of Fort Yukon, northeastern Alaska. June 15, 18— (entered into the museum register in March 1863). Collected by James G. Lockhart. Original number 85.

61664. Adult female. "Salt Lake 12 miles from Ogden," Weber County, Utah. June 10, 1872. Collected by F. W. Jaycox. Original number 40.

63574. Adult (sex not indicated). Provo, Utah County, Utah. June 23, 1872. Collected by Henry W. Henshaw and Henry C. Yarrow. Original number 96. Explorations West of the 100th Meridian, Expedition of 1872.

83253. Adult male. Ipswich, Essex County, Massachusetts. May 20, 1870. Collected by Charles J. Maynard. Received from Robert Ridgway (in whose private collection it was apparently No. 4285), but earlier acquired by him from the national collection (at which time he destroyed the older label, with the only record of its original museum number).

86546. Adult female. Nushagak (at the eastern side of Nushagak Bay, near the mouth of the Nushagak River), southwestern Alaska. June 17, 1881. Collected by Charles L. McKay. Original number 20.

86547. Adult male. Nushagak, southwestern Alaska. June 19, 1881. Collected by Charles L. McKay. Original number 20.

89306. Adult (sex not indicated). Moose Factory (on the southern shore of James Bay, near the mouth of the Moose River), Province of Ontario, Canada. Entered into the museum register on December 26, 1882. Collected by Walton Haydon. Original number 53a.

Clivicola riparia maximiliani has been treated as a simple renaming of *Hirundo cinerea* Vieillot, 1817, not [*Hirundo*] *cinerea* Gmelin, 1789, in which case Stejneger's types would be identical with Vieillot's. The latter's name was given, however, to a European form (and was therefore misapplied by Stejneger), while *maximiliani* was definitely bestowed upon "the American variety."

Stejneger examined 16 American specimens, each of which must be considered a cotype. There are at this date in the museum 17 skins that certainly formed part of the collection in 1885, and it may be assumed that yet others formerly existed. Since seven of these are clearly juveniles, it is unlikely that Stejneger would have used their measurements, and I have treated as extant cotypes only the ten adults.

Oberholser (Bird life of Louisiana, p. 407, 1938) has made No. 83253 (not No. 8325) a lectotype; I interpret this action as no more than a restriction of type locality.

Riparia chinensis tantilla Riley

Proc. Biol. Soc. Washington 48: 147, Oct. 31, 1935.

=*Riparia paludicola chinensis* (J. E. Gray). See Mayr, *in* Delacour and Mayr, Zoologica, New York 30: 111, 1945; Delacour, Birds of the Philippines, p. 157, 1946.

210794. Adult male. Laoag River (below Padsan), Province of Ilocos Norte, Luzón Island, Philippine Islands. January 18, 1907. Collected by Edgar A. Mearns. Original number 14693.

Genus PSALIDOPROCNE Cabanis

Psalidoprocne Petiti Bowdler Sharpe

in Bowdler Sharpe and Bouvier, Bull. Soc. Zool. France 1: 38, col. pl. 2 (not earlier than July 7), 1876.

=*Psalidoprocne petiti petiti* Bowdler Sharpe. See Sclater, Systema avium æthiopicarum 2: 588, 1930.

100580. Adult female. Landana, Territory of Cabinda, Congo District, Angola. 1876? Collected by Louis Petit, *fils*. Original number 124. Received from Richard Bowdler Sharpe.

This form was based upon two equivalent cotypes, male and female, collected by Petit. At the original description neither dates nor localities are given, but since the male listed as "Type of species" by Bowdler Sharpe (Catalogue of the birds in the British Museum 10: 205, 1885) came from Landana, we may suppose that the female had the same provenience. No such female is listed by Sharpe (*loc. cit.*), and it is highly probable that our bird represents the missing specimen.

No. 100580 carries two similar tags. On one appears: "♀/N° 124/" [with a pen] "Landana/Côte oc-Afr/" [with a stamp]; on the other: "L. Petit, Aîné [?]/Naturaliste, Paris/" [with a stamp] "N° 283/" [with a pen].

For explanation of my accrediting the name solely to Bowdler Sharpe, see Sharpe's "History of the Collections contained in the Natural History Departments of the British Museum, Birds," (pp. 441–442, 1906).

Genus STELGIDOPTERYX Baird

Hirundo serripennis Audubon

Ornithological biography 4: 592, 593, 595, 1838.

=*Stelgidopteryx ruficollis serripennis* (Audubon). See Hellmayr, Catalogue of birds of the Americas 8: 47, 1935.

2899. Adult (sex not indicated). Near Charleston, Charleston County, South Carolina. Collected by John J. Audubon. Received from Spencer F. Baird, who acquired it from John J. Audubon.

It is not possible to affirm how many cotypes of this form were possessed by Audubon. The specimen before me carries Audubon's original label, with the words "Hirundo serripennis./Charleston, S. Carolina." Baird has written upon his own label: "Type of Aud."

Stelgidopteryx ridgwayi Nelson

Proc. Biol. Soc. Washington 14: 174, Sept. 25, 1901.

=*Stelgidopteryx ruficollis ridgwayi* (Nelson). See Hellmayr, Catalogue of birds of the Americas 8: 46, 1935.

167947. Adult male. Chichén Itzá, State of Yucatán, México. January 29, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7487. Received from the U.S. Fish and Wildlife Service.

Stelgidopteryx salvini Ridgway

Proc. Biol. Soc. Washington 16: 107, Sept. 30, 1903.

=*Stelgidopteryx ruficollis fulvipennis* (Sclater). See Hellmayr, Catalogue of birds of the Americas 8: 45, 1935.

30716. Adult male. Dueñas (near Ciudad Guatemala Antigua), Department of Sacatepéquez, Guatemala. October 17, 1859. Collected by Osbert Salvin. Original number 399. Received from Osbert Salvin.

While the date on Salvin and Godman's label reads "Oct. 17, 1859," it may be noted that specimens of this swallow from Dueñas were taken in 1859 only on July 17, if we are to credit Salvin and Sclater (Ibis 2: 31, 1860).

[Stelgidopteryx] gutturalis Baird

Review of American birds 1: 314 (in key), 461, May 1865.

Stelgidopteryx fulvigula Baird

Review of American birds 1: 318, 461 (footnote 1), May 1865.

=*Stelgidopteryx ruficollis uropygialis* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 8: 42, 43, 1935.

34677. Immature male. Angostura, Province of Cartago, Costa Rica. June 6, 1864. Collected by Julián Carmiol.

Hellmayr (*op. cit.*) has cited in his synonymy only *Stelgidopteryx fulvigula*. It should be noted that, not only has [*Stelgidopteryx*] *gutturalis* paginal priority, but Baird (*op. cit.*), in the footnote on page 461, has stated that *fulvigula* was a mere *lapsus calami* for *gutturalis*.

Genus PYGOCHELIDON Baird

Atticora cyanoleuca, var. **montana** Baird

Review of American birds 1: 309 (in key), 310, May 1865.

=*Pygochelidon cyanoleuca cyanoleuca* (Vieillot). See Hellmayr, Catalogue of birds of the Americas 8: 52, 55, 1935.

34676. Adult female. Barranca, "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcán de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. April 16, 1864. Collected by Julián Carmiol.

Genus LAMPROCHELIDON Ridgway

Hirundo euchrysia. (Var., dominicensis?) H. Bryant

Proc. Boston Soc. Nat. Hist. 11: 95 (not earlier than May) 1867.

=*Lamprochelidon euchrysia sclateri* (Cory). See Hellmayr, Catalogue of birds of the Americas 8: 81, 82, 1935.

42447. Adult male. Port au Prince, Haiti, Island of Hispaniola. June 7, 1866. Collected by A. E. Younglove. Original number 132.

Genus CALLICHELIDON Baird

Hirundo cyaneoviridis H. Bryant

Proc. Boston Soc. Nat. Hist. 7: 111 (not earlier than September) 1859.

=*Callichelidon cyaneoviridis* (Bryant). See Hellmayr, Catalogue of birds of the Americas 8: 80, 1935.

11946. Adult (sex not indicated). Nassau, New Providence Island, Bahama Islands. April 1859. Collected by Henry Bryant. Received from Henry Bryant.

According to Bangs (Bull. Mus. Comp. Zool. 70: 290, 1930), there are five other cotypes. Four of these are in the Museum of Comparative Zoology (Nos. 46838, 46840, 46841, and one formerly in the private collection of John E. Thayer); the fifth is in the Academy of Natural Sciences of Philadelphia, where it is No. 15639.

Genus TACHYCINETA Cabanis

Tachycineta lepida Mearns

Proc. Biol. Soc. Washington 15: 31, Mar. 5, 1902.

=*Tachycineta thalassina lepida* Mearns. See Grinnell, Univ. California Publ. Zool. 38: 287, 1932.

133522. Adult male. "Campbell's ranch in the Laguna Mountains (Coast Range), 20 miles north of Campo," San Diego County, California. June 9, 1894. Collected by Edgar A. Mearns. Original number 11014.

Genus IRIDOPROCNE Coues

Petrochelidon littorea Salvin

Proc. Zool. Soc. London, for 1863, pt. 2: 189, August 1863.

=*Iridoprocne albilinea albilinea* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 8: 69, 1935.

35039=30709 reentered. Adult male. San José de Guatemala, Department of Escuintla, Guatemala. January 1863. Collected by Osbert Salvin. Original number 393. Received from Osbert Salvin.

Salvin's statement that "This Swallow frequents all the low rivers and sea-coasts of both oceans, from Belize to Colon on the Atlantic, and from Soconosco to Panamá on the Pacific" indicates that our No. 35039 is but one of many cotypes. Although Bowdler Sharpe has affirmed that a male from British Honduras is the type (Catalogue of the birds in the British Museum 10: 631, 1885), it should be noted that Salvin himself wrote the words "Type specimen" upon the label of our No. 35039 some time prior to December 1863, when it was entered into the museum register.

Genus PROGNE Boie

Progne subis floridana Mearns

Proc. U.S. Nat. Mus. 24: 918, June 2, 1902.

=*Progne subis subis* (Linnaeus). See Hellmayr, Catalogue of birds of the Americas 8: 11, 1935.

176800. Adult female. Lake Kissimmee, Osceola or Polk County, Florida. April 1, 1901. Collected by Edgar A. Mearns. Original number 12399.

Progne cryptoleuca Baird

Review of American birds 1: 273 (in key), 277, May 1865.

=*Progne subis cryptoleuca* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 13, 14, 1935.

34242. Adult male. Remedios, Province of Santa Clara, Cuba. May 1864. Collected by Nathaniel H. Bishop.

Progne sinaloæ Nelson

Proc. Biol. Soc. Washington 12: 59, Mar. 24, 1898.

=*Progne (subis?) sinaloae* Nelson. See Hellmayr, Catalogue of birds of the Americas 8: 16, footnote 1, 1935.

157171. Adult male. Plomosas, State of Sinaloa, México. July 18, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4678. Received from the U.S. Fish and Wildlife Service.

Progne leucogaster Baird

Review of American birds 1: 274 (in key), 280, May 1865.

=*Progne chalybea chalybea* (Gmelin). See Hellmayr, Catalogue of birds of the Americas 8: 16, 18, 1935.

30718. Adult male. Cahabón ("a small village on the river of the same name . . . about forty miles northeast of Coban," *fide* Griscom, Bull. Amer. Mus. Nat. Hist. 64: 414, 1932), Department of Alta Vera Paz, Guatemala. March 1862. Collected by Osbert Salvin. Original number 363. Received from Osbert Salvin.

30717. Adult female. Dueñas (near Ciudad Guatemala Antigua), Department of Sacatepéquez, Guatemala. October 1861. Collected by Osbert Salvin. Original number 4480. Received from Osbert Salvin.

Progne elegans Baird

Review of American birds 1: 274 (in key), 275 (footnote 1), May 1865.

=*Progne modesta elegans* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 21, 1935.

21009. Immature male. Bermejo River, Territory of Formosa *or* the Chaco, Argentina (not Paraguay). February 1860. Collected by Christopher Wood. Original number 32. Second U.S. Survey of the Río Paraná (1859–1860).

21010. Adult female. Same data as No. 21009.

21011. Immature female. Same data as No. 21009.

Progne furcata Baird

Review of American birds 1: 273 (in key), 278 (footnote 1), May 1865.

=*Progne modesta elegans* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 21, 22, 1935.

9112. Adult male. Chile. Entered into the museum register on February 17, 1858. Received from the Maison Verreaux.

Family CAMPEPHAGIDAE: Cuckoo-shrikes

Genus CORACINA Vieillot

Artamides sumatrensis messeris Oberholser

Journ. Washington Acad. Sci. 16 (19): 517, Nov. 18, 1926.

=*Coracina striata sumatrensis* (S. Müller). See Chasen, Handlist of Malaysian birds, p. 181, 1935; Ripley, Auk 58: 382, 1941.

169789. Adult male. Ban Na Klua (lat. 7°20′ N., long. 99°30′ E.), Province of Trang, peninsular Thailand. March 3, 1899. Collected by William L. Abbott.

Artamides sumatrensis nesiarchus Oberholser

Journ. Washington Acad. Sci. 16 (19): 517, Nov. 18, 1926.

=*Coracina striata sumatrensis* (S. Müller). See Chasen, Handlist of Malaysian birds, pp. 181, 182 (footnote 1), 1935; Ripley, Auk 58: 382, 1941.

180225. Adult male. Pulau Parit (lat. 0°57′ N., long. 103°27′ E.), Riouw Archipelago, Strait of Malacca. June 11, 1903. Collected by William L. Abbott.

Artamides sumatrensis halistephis Oberholser

Smithsonian Misc. Coll. 60 (7): 14, Oct. 26, 1912.

=*Coracina striata sumatrensis* (S. Müller). See Ripley, Bull. Mus. Comp. Zool. 94: 373–374, 1944.

179896. Adult male. South Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 13, 1902. Collected by William L. Abbott.

Graucalus simalurensis Richmond

Proc. U.S. Nat. Mus. 26: 513, Feb. 4, 1903.

=*Coracina striata simalurensis* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 373, 1944.

179215. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 19, 1901. Collected by William L. Abbott.

Graucalus babiensis Richmond

Proc. U.S. Nat. Mus. 26: 513, Feb. 4, 1903.

=*Coracina striata babiensis* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 373, 1944.

179220. Adult female. Pulau Babi, Tapah Group, Barussan Islands, eastern Indian Ocean off Sumatra. January 13, 1902. Collected by William L. Abbott.

Artamides sumatrensis calopolius Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 34, June 30, 1917.

=*Coracina striata bungurensis* (Hartert). See Chasen, Handlist of Malaysian birds, p. 182, 1935; Ripley, Auk 58: 382, 1941.

171023. Immature (not adult) female. Pulau Mata, Anamba Islands, South China Sea. August 29, 1899. Collected by William L. Abbott.

Genus EDOLISOMA Pucheran

Malindangia mcgregori Mearns

Philippine Journ. Sci. 2 (5) sec. A: 355, October 1907.

=*Edolisoma mcgregori* (Mearns). See Hachisuka, Birds of the Philippine Islands 2: 356, 1935.

210787. Adult male. Summit of Mount Lebo (Mount Bliss), a spur of Mount Malindang, Misamis Province, Mindanao Island, Philippine Islands. May 21 (not 20), 1906. Collected by Edgar A. Mearns. Original number 14178.

Celebesia abbotti Riley

Proc. Biol. Soc. Washington 31: 158, Dec. 30, 1918.

=*Edolisoma abbotti* (Riley). See Stresemann, Journ. für Orn. 88: 125, 1940.

252125. Adult male. Rano Rano (a village at about lat. 1°30′ S., long. 120°19′ E.), central Celebes. December 12, 1917. Collected by Harry C. Raven. Original number 4752.

Edolisoma tenuirostre nisorium Mayr

Auk 67 (1): 104, Jan. 30, 1950.

405431. Immature male. Pavuvu Island, Russell Group, Solomon Islands, Oceania. October 25, 1944. Collected by Sammy M. Ray. Original number 68.

Genus VOLVOCIVORA Hodgson

Volvocivora koratensis Boden Kloss

Ibis (10) 6 (2): 193, Apr. 9, 1918.

=*Volvocivora melaschista intermedia* Hume. See Delacour, Amer. Mus. Nov. 1497: 8, 1951.

279997. Subadult female. Sathani Lat Bua Khao (lat. 14°50′ N., long. 101°35′ E.), Province of Nakhon Ratchasima, Thailand. October 11 (not November), 1916. Collected by Cecil Boden Kloss.

Campephaga compta Richmond

Proc. U.S. Nat. Mus. 26: 514, Feb. 4, 1903.

=*Volvocivora fimbriata compta* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 374, 1944.

179222. Subadult female. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 28, 1901. Collected by William L. Abbott.

Genus LALAGE Boie

Lalage nigra empheris Oberholser

Smithsonian Misc. Coll. 60 (7) : 15, Oct. 26, 1912.

=*Lalage nigra nigra* (Forster). See Ripley, Bull. Mus. Comp. Zool. 94: 375, 1944.

180884. Adult male. Telok Beluku, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 2, 1905. Collected by William L. Abbott.

Perissolalage chalepa Oberholser

Proc. U.S. Nat. Mus. 54: 182, Nov. 2, 1917.

=*Lalage sueurii sueurii* (Vieillot). See Mayr and Ripley, Amer. Mus. Nov. 1116: 2, 3, 1941.

181577. Immature (not adult) female. Pulau Solombo Besar, eastern Java Sea. December 4, 1907. Collected by William L. Abbott.

Lalage woodi Wetmore

in Wood and Wetmore, Ibis (12) 1 (4) : 845, pl. 26, Oct. 7, 1925.

=*Lalage maculosa woodi* Wetmore. See Mayr and Ripley, Amer. Mus. Nov. 1116: 8, 1941.

277347. Adult male. Taviuni Island, Fiji Islands, Oceania. November 26, 1923. Collected by A. H. Martin, for Casey A. Wood. Original number 236.

Colluricincla maculosa Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 81, "pl. XXIII, fig. 1," 1848.

=*Lalage maculosa maculosa* (Peale). See Wetmore, *in* Wood and Wetmore, Ibis (12) 1: 847–848, 1925; Mayr and Ripley, Amer. Mus. Nov. 1116: 5–6, 1941.

14845. Adult male. Upolu Island, Samoan Islands, Oceania. U.S. Exploring Expedition (1838–1842).

Peale based his *maculosa* upon a composite series of five immature skins from the Fiji Islands and an adult male from Upolu. Wetmore has shown (*loc. cit.*) that, since the description was drawn from the adult, Peale's name must be restricted to the Upolu race.

Genus TEPHRODORNIS Swainson

Tephrodornis gularis jugans Deignan

Proc. Biol. Soc. Washington 61: 13, Mar. 4, 1948.

330959. Adult male. Doi Langka=Khao Pha Cho (lat. 19°00′ N., long. 99°25′ E.), northwestern Thailand. November 17, 1930. Collected by Hugh McC. Smith. Original number 4353.

Tephrodornis pondiceriana orientis Deignan

Proc. Biol. Soc. Washington 61: 14, Mar. 4, 1948.

361171. Adult male. Krongpha (lat. 11°49′ N., long. 108°42′ E.), Province of Phanrang, southern Annam. November 1939. Collected by Joseph F. C. Rock. Original number 933.

Genus PERICROCOTUS Boie

Pericrocotus cinereus intermedius Clark

Proc. U.S. Nat. Mus. 32: 474, June 15, 1907.

=*Pericrocotus divaricatus divaricatus* (Raffles), *fide* Deignan (MS.).

114253. Adult male. Seoul, Province of Kyonggi, Korea. June 10, 1883. Collected by Pierre L. Jouy. Original number 1081.

Pericrocotus japonicus Stejneger

Proc. U.S. Nat. Mus. 9: 649, Mar. 9, 1887.

=*Pericrocotus divaricatus divaricatus* (Raffles), *fide* Deignan (MS.).

109349. Adult male. Amagi San (lat. 34°52′ N., long. 139°00′ E.), Prefecture of Shizuoka, Honsiu Island, Japan. May 1, 1885. Received from the Tokyo Educational Museum.

Pericrocotus tegimæ Stejneger

Proc. U.S. Nat. Mus. 9: 648, Mar. 9, 1887.

=*Pericrocotus divaricatus tegimae* Stejneger, *fide* Deignan (MS.).

109476. Adult male. Liu Kiu Island (Okinawa Island), Liu Kiu Islands (Ryukyu Islands), East China Sea. March 11, 1886. Collected by Motoyoshi Namiye. Received from the Tokyo Educational Museum.

Pericrocotus peregrinus thai Deignan

Journ. Washington Acad. Sci. 37(7): 254, July 15, 1947.

=*Pericrocotus cinnamomeus thai* Deignan, *fide* Deignan (MS.).

336383. Adult female. Amphoe Chom Thong=Ban Luang (lat. 18°25′ N., long. 98°40′ E.), Province of Chiang Mai, northwestern Thailand. February 9, 1937. Collected by Herbert G. Deignan. Original number 2315.

Pericrocotus peregrinus separatus Deignan

Journ. Washington Acad. Sci. 37 (7): 255, July 15, 1947.

=*Pericrocotus cinnamomeus separatus* Deignan, *fide* Deignan (MS.).

173102. Adult male. Tanjong Badak (lat. 10°06, N., long. 98°31′ E.), Mergui District, Tenasserim Division, Burma. January 8, 1900. Collected by William L. Abbott.

Pericrocotus peregrinus sacerdos Riley

Proc. Biol. Soc. Washington 53: 131, Nov. 8, 1940.

=*Pericrocotus cinnamomeus sacerdos* Riley, *fide* Deignan (MS.).

360788. Adult male. Sambor (lat. 12°53′ N., long. 105°04′ E.), Province of Kompong Thom, Cambodia. January 1940. Collected by Joseph F. C. Rock. Original number 1341.

Pericrocotus igneus trophis Oberholser

Smithsonian Misc. Coll. 60 (7) : 14, Oct. 26, 1912.

=*Pericrocotus cinnamomeus trophis* Oberholser, *fide* Deignan (MS.).

179224. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 8, 1901. Collected by William L. Abbott.

Pericrocotus griseogularis Gould

Proc. Zool. Soc. London, for 1862, pt. 3: 282, February 1863.

=*Pericrocotus solaris griseogularis* Gould. See Orn. Soc. Japan, Hand-list of the Japanese birds, ed. 3, p. 50, 1942.

37804. Adult male. "N. Formosa"="the neighbourhood of Tamsuy," *fide* Swinhoe, Ibis 5: 205, 1863. April 1862. Collected by Robert Swinhoe. Received from Henry B. Tristram.

37814. Adult female. "N. Formosa." April 1862. Collected by Robert Swinhoe. Received from Henry B. Tristram.

Other cotypes of this form are the adult male and adult female listed by Bowdler Sharpe (Catalogue of the birds in the British Museum 4: 83, 1879) and the pair listed by Tristram (Catalogue of a collection of birds belonging to H. B. Tristram, p. 187, 1889). These last are not the same as the Washington specimens, which were entered into the museum register as early as May 18, 1865.

Pericrocotus solaris deignani Riley

Proc. Biol. Soc. Washington 53: 47, Apr. 19, 1940.

358855. Adult female. Lang Bian Peaks, Province of Haut-Donaï, southern Annam. June 1939. Collected by Joseph F. C. Rock. Original number 216.

Pericrocotus solaris nassovicus Deignan

Auk 55 (3) : 509, July 12, 1938.

324499. Adult male. Khao Kuap (lat. 12°25′ N., long. 102°50′ E.), Province of Trat, southeastern Thailand. December 24, 1929. Collected by Hugh McC. Smith. Original number 3558.

Pericrocotus flammeus suchitrae Deignan

Auk 63 (4) : 530, Oct. 25, 1946.

=*Pericrocotus flammeus semiruber* Whistler and Kinnear, *fide* Deignan (MS.).

324493. Adult male. Doi Khun Tan (lat. 18°30′ N., long. 99°20′ E.), northwestern Thailand. October 23, 1929. Collected by Hugh McC. Smith. Original number 3430.

Pericrocotus andamanensis minythomelas Oberholser

Smithsonian Misc. Coll. 60 (7) : 14, Oct. 26, 1912.

=*Pericrocotus flammeus minythomelas* Oberholser. See Deignan, Auk 63: 527, 1946.

179226. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 12, 1901. Collected by William L. Abbott.

Pericrocotus flammeus insulanus Deignan

Auk 63 (4) : 528, Oct. 25, 1946.

191587. Adult [female]. Mount Kinabalu (at about 6,000 feet), British North Borneo. April–May 1904. Collected by George A. (not H.) Goss and H. D. Dodge.

Family DICRURIDAE: Drongos

Genus DICRURUS Vieillot

Dicrurus modestus atactus Oberholser

Proc. U.S. Nat. Mus. 22: 35, Oct. 9, 1899.

=*Dicrurus adsimilis atactus* Oberholser. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 230, 1949.

147202. Adult (sex not indicated). "Fantee"=interior of the Gold Coast. Entered into the museum register on August 16, 1895. Collected by (or for) Herbert T. Ussher. Received as part of the collection of Adolphe Boucard.

Buchanga aldabrana Ridgway

Proc. U.S. Nat. Mus. 16: 597, Aug. 16, 1893 (advance sheet).

=*Dicrurus aldabranus* (Ridgway). See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 231, 1949.

128719. Adult male. Aldabra Island, Aldabra Islands, western Indian Ocean north of Madagascar. October 8, 1892. Collected by William L. Abbott.

Dicrurus annectens siamensis Boden Kloss

Ibis (10) 6 (2) : 226, Apr. 9, 1918.

=*Dicrurus macrocercus cathoecus* Swinhoe. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 239, 1949.

278613. Adult male. Ko Lak=Prachuap Khiri Khan (lat. 11°50′ N., long. 99°50′ E.), Province of Prachuap Khiri Khan, southwestern Thailand. November 10, 1916. Collected by Cecil Boden Kloss.

278614. Adult female. Ko Lak=Prachuap Khiri Khan, Province of Prachuap Khiri Khan, southwestern Thailand. November 15, 1916. Collected by Cecil Boden Kloss.

With four specimens before him, Boden Kloss made these two "*Types.*"

Dicrurus leucophaeus rocki Riley

Proc. Biol. Soc. Washington 53: 132, Nov. 8, 1940.

=*Dicrurus leucophaeus bondi* Meyer de Schauensee. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 252, 1949.

360828. Adult male. Arbre Broyé, Province of Haut-Donaï, southern Annam. October 1939. Collected by Joseph F. C. Rock. Original number 819.

Dicrurus leucogenis diporus Oberholser

Smithsonian Misc. Coll. 60 (7) : 15, Oct. 26, 1912.

=*Dicrurus leucophaeus periophthalmicus* (Salvadori). See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 259, 260, 1949.

179821. Adult male. North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 14, 1902. Collected by William L. Abbott.

Dicrurus cineraceus celaenus Oberholser

Smithsonian Misc. Coll. 60 (7) : 15, Oct. 26, 1912.

=*Dicrurus leucophaeus leucophaeus* Vieillot. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 260, 261, 262–263, 1949.

179248. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 27, 1901. Collected by William L. Abbott.

Dicrurus balicassius mindorensis Mearns

Proc. U.S. Nat. Mus. 36: 437, May 22, 1909.

=*Dicrurus balicassius balicassius* (Linnaeus). See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 275, 276, 1949.

202009. Adult male. "Mangyan house, beyond Camp no. 4"=Mount Halcón (at elev. 3,000 feet), Mindoro Island, Philippine Islands. November 30, 1906. Collected by Edgar A. Mearns. Original number 14514.

Dicruropsis montana Riley

Proc. Biol. Soc. Washington 32: 94, May 20, 1919.

=*Dicrurus montanus* (Riley). See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 291–292, 1949.

252150. Adult male. Tuwo (a mountain at lat. 1°45′ S., long. 120°16′ E.), Besoa District, central Celebes. October 28, 1917. Collected by Harry C. Raven. Original number 4586.

Dicruropsis pectoralis sirensis Oberholser

Proc. U.S. Nat. Mus. 54: 198, Nov. 2, 1917.

=*Dicrurus hottentottus leucops* Wallace. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 302, 1949.

181510. Adult female. Pulau Mata Siri (lat. 4°48′ S., long. 115°48′ E.), Laurot Islands, eastern Java Sea. December 8, 1907. Collected by William L. Abbott.

Dicruropsis pectoralis solombensis Oberholser

Proc. U.S. Nat. Mus. 54: 184, Nov. 2, 1917.

=*Dicrurus hottentottus jentincki* (Vorderman). See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 303, 1949.

181512. Adult female. Pulau Solombo Besar, eastern Java Sea. December 4, 1907. Collected by William L. Abbott.

Chibia cagayanensis Mearns

Proc. U.S. Nat. Mus. 36: 447, May 22, 1909.

=*Dicrurus hottentottus palawanensis* Tweeddale. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 311, 312, 1949.

191894. Adult female. Cagayán Sulu, an island in the Sulu Sea off British North Borneo. February 26, 1904. Collected by Edgar A. Mearns. Original number 13285.

Chibia menagei Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1: 15, Dec. 8, 1894.

=*Dicrurus hottentottus menagei* (Bourns and Worcester). See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 313, 1949.

316193. Adult male. Badajós, Tablas Island, Romblón Province, Philippine Islands. September 18, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1600 of the Menage Collection.

316367. Adult female. Badajós, Tablas Island, Romblón Province, Philippine Islands. September 18, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1607 of the Menage Collection.

Although Bourns and Worcester had a series of at least nine males and at least seven females, these two specimens alone bear the word "TYPE."

Dissemurus paradiseus mallomicrus Oberholser

Journ. Washington Acad. Sci. 16 (19) : 518, Nov. 18, 1926.

=*Dicrurus paradiseus malabaricus* (Latham), *fide* Deignan (MS.).

178660. Adult male. Hastings Island (lat. 10°05′ N., long. 98°18′ E.), Mergui Archipelago, Andaman Sea off southern Burma. December 11, 1900. Collected by William L. Abbott.

Dissemurus paradiseus hypoballus Oberholser

Journ. Washington Acad. Sci. 16 (19) : 518, Nov. 18, 1926.

=*Dicrurus paradiseus paradiseus* (Linnaeus), *fide* Deignan (MS.).

153820. Adult male. "Prahmon"=Ban Phra Muang (lat. 7°20′ N., long. 99°30′ E.), Province of Trang, peninsular Thailand. April 1, 1896. Collected by William L. Abbott.

Dissemurus paradiseus messatius Oberholser

Journ. Washington Acad. Sci. 16 (19) : 519, Nov. 18, 1926.

=*Dicrurus paradiseus platurus* Vieillot. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 321, 1949.

170451. Adult male. Selitar, Singapore Island, Malaya. May 29, 1899. Collected by William L. Abbott.

Dissemurus paradiseus siakensis Oberholser

Journ. Washington Acad. Sci. 16 (19) : 519, Nov. 18, 1926.

=*Dicrurus paradiseus platurus* Vieillot. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 321, 1949.

181264. Adult male. Siak River (of which the mouth is at about lat. 1°12′ N., long. 102°00′ E.), eastern Sumatra. December 22, 1906. Collected by William L. Abbott.

Dissemurus paradiseus colpiotes Oberholser

Journ. Washington Acad. Sci. 16 (19): 520, Nov. 18, 1926.

=*Dicrurus paradiseus platurus* Vieillot. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 321, 1949.

179245. Adult male. "Loh Sidoh Bay"=Sidoh Bay (lat. 5°21′ N., long. 95°15′ E.), northwestern Sumatra. November 6, 1901. Collected by William L. Abbott.

Dissemurus paradiseus olizurus Oberholser

Smithsonian Misc. Coll. 60 (7): 15, Oct. 26, 1912.

=*Dicrurus paradiseus platurus* Vieillot. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 321, 322, 1949.

179242. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 19, 1901. Collected by William L. Abbott.

Dissemurus paradiseus pachistus Oberholser

Smithsonian Misc. Coll. 60 (7): 16, Oct. 26, 1912.

=*Dicrurus paradiseus platurus* Vieillot. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 321, 322, 1949.

179239. Adult male. Pulau Lasia, Barussan Islands, eastern Indian Ocean off Sumatra. January 5, 1902. Collected by William L. Abbott.

Dissemurus paradiseus elassopterus Oberholser

Smithsonian Misc. Coll. 60 (7): 16, Oct. 26, 1912.

=*Dicrurus paradiseus platurus* Vieillot. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 321, 322, 1949.

179238. Adult male. Pulau Babi, Barussan Islands, eastern Indian Ocean off Sumatra. January 11, 1902. Collected by William L. Abbott.

Dissemurus paradiseus adelphus Oberholser

Smithsonian Misc. Coll. 60 (7): 15, Oct. 26, 1912.

=*Dicrurus paradiseus platurus* Vieillot. See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 321, 322–323, 1949.

180883. Adult male. Teliwaa, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 5, 1905. Collected by William L. Abbott.

Dissemurus paradiseus microlophus Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 59, June 30, 1917.

=*Dicrurus paradiseus microlophus* (Oberholser). See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 320–321, 1949.

171074. Adult male. Pulau Jimaja, Anamba Islands, South China Sea. September 21, 1899. Collected by William L. Abbott.

Dissemurus paradiseus endomychus Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 98, 1932.

=*Dicrurus paradiseus microlophus* (Oberholser). See Vaurie, Bull. Amer. Mus. Nat. Hist. 93: 320, 321, 1949.

174725 (*not* 174723). Adult male. Pulau Lingung, northern Natuna Islands, South China Sea. June 17, 1900. Collected by William L. Abbott.

Family ORIOLIDAE: Orioles

Genus ORIOLUS Linnaeus

Oriolus nigrostriatus Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 16, Dec. 8, 1894.

=*Oriolus xanthonotus steerii* Bowdler Sharpe. See McGregor, Manual of Philippine birds, p. 698, 1909; Delacour, Birds of the Philippines, p. 254, 1946.

316190. Adult male? Palánog, Masbate Island, Masbate Subprovince, Sorsogón Province, Philippine Islands. November 6, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1705 of the Menage Collection.

316191. Adult male. Palánog, Masbate Island, Philippine Islands. November 6, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1704 of the Menage Collection.

316192. Adult (sex not indicated). Palánog, Masbate Island, Philippine Islands. Nov. 6, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was part of the Menage Collection, number unknown.

Bourns and Worcester named this form from "Negros, Masbate," in ignorance of Bowdler Sharpe's earlier naming of *Oriolus steerii* from Negros (not Basilan, as they supposed). Although they included Negros in the range of their *nigrostriatus*, they had seen no material from that island, but derived their information from the fact that Sharpe had reported a similar bird from there.

Oriolus chinensis invisus Riley

Proc. Biol. Soc. Washington 53: 79, June 28, 1940.

359268. Adult male. Dran, Phanrang Province, southern Annam. July 1939. Collected by Joseph F. C. Rock. Original number 387.

Oriolus indicus ochroxanthus Oberholser

Proc. Biol. Soc. Washington 38: 5, Jan. 27, 1925.

=*Oriolus chinensis diffusus* Bowdler Sharpe. See Austin, Bull. Mus. Comp. Zool. 101: 178, 1948.

114413. Adult male. Near Seoul, Province of Kyonggi, Korea. June 17, 1883. Collected by Pierre L. Jouy. Original number 1104.

Oriolus maculatus eustictus Oberholser

Proc. Biol. Soc. Washington 39: 31, July 30, 1926.

=*Oriolus chinensis macrourus* Blyth, *fide* Deignan (MS.).

178642. Adult male. Car Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. January 24, 1901. Collected by William L. Abbott.

Oriolus mundus Richmond

Proc. U.S. Nat. Mus. 26: 517, Feb. 4, 1903.

=*Oriolus chinensis mundus* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 378, 1944.

179268. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 19, 1901. Collected by William L. Abbott.

Oriolus maculatus richmondi Oberholser

Smithsonian Misc. Coll. 60 (7) : 16, Oct. 26, 1912.

=*Oriolus chinensis richmondi* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 378, 1944.

179886. Adult male. North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. December 31, 1902. Collected by William L. Abbott.

Oriolus maculatus lamprochryseus Oberholser

Proc. U.S. Nat. Mus. 54: 186, Nov. 2, 1917.

=*Oriolus chinensis lamprochryseus* Oberholser. See Chasen, A Handlist of Malaysian birds, p. 300, 1935.

181523. Adult male. Pulau Solombo Besar, eastern Java Sea. December 4, 1907. Collected by William L. Abbott.

Oriolus frontalis Wallace

Proc. Zool. Soc. London, for 1862, pt. 3: 340, pl. 40, February 1863.

=*Oriolus chinensis frontalis Wallace.* See Mathews, Systema avium australasianarum, p. 858, 1930; Stresemann, Journ. für Orn. 88: 19, 1940.

95736. Adult male. Sula Mangola or Sula Besi Island, Sula Islands, Molucca Sea east of Celebes. 1861. Collected by—Allen, for Alfred R. Wallace. Received from the British Museum.

98191. Adult female. Sula Mangola or Sula Besi Island, Sula Islands, Molucca Sea east of Celebes. 1861. Collected by — Allen, for Alfred R. Wallace. Received from the British Museum.

These skins are two of the seven with identical data listed by Bowdler Sharpe in the Catalogue of the birds in the British Museum 3: 205, 1877. Although Sharpe refers to specimen *a* as "Type of species," I find nothing in Wallace's original description to prevent treatment of each of the five adults as equivalent cotypes.

Family CORVIDAE: Crows, Magpies, Jays

Genus CORVUS Linnaeus

Corvus leptonyx Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 105, "pl. XXIX," 1848.

=*Corvus corax leptonyx* Peale. See Hartert, Vögel der paläarktischen Fauna 1 (1): 6 (footnote 1), 1903.

15745. Adult female. Near Funchal, Madeira Island, Madeira Islands, eastern Atlantic Ocean off Morocco. September 1838. U.S. Exploring Expedition (1838–1842).

Material available to me in Washington does not permit me definitely to allocate this name, of which the type was a mere straggler to Madeira. Hartert (*loc. cit.*) has suggested that it may represent any one of three subspecies more recently named: *tingitanus* Irby, 1874, *canariensis* Hartert and Kleinschmidt, 1901, or *hispanus* Hartert and Kleinschmidt, 1901.

Corvus grebnitskii Stejneger

Proc. Biol. Soc. Washington 2: 97, Apr. 10, 1884.

=*Corvus corax kamtschaticus* Dybowski. See Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsband, p. 4, 1932.

92759. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. December 12, 1882. Collected by Leonhard H. Stejneger. Original number 1799.

92760. Adult female. Bering Island, Commander Islands, southwestern Bering Sea. December 25, 1882. Collected by Leonhard H. Stejneger. Original number 1817.

C[orvus]. corax principalis Ridgway

Manual North American birds, p. 361, September 1887.

=*Corvus corax principalis* Ridgway. See Oberholser, Ohio Journ. Sci. 18: 214, 1918.

46057. Adult (sex not indicated). Saint Michael, on the southern shore of Norton Sound, western Alaska. March 1, 1866. Collected by Charles Pease. Original number 33.

70905. Adult male. Saint Michael, on the southern shore of Norton Sound, western Alaska. December 29, 1874. Collected by Lucien McS. Turner. Original number 93.

Ridgway based this race upon an unknown number of specimens from "Northern North America, from Greenland to Alaska, south to British Columbia, Canada, New Brunswick, etc." Since no particular example was mentioned, all must be considered cotypes, and Ridgway's implication that the type came from Saint Michael (Birds of North and Middle America 3: 261, 1904) amounts to no more than a restriction of type locality. Parenthetically, it may be noted that, still earlier, No. 101149, a male from Fort Chimo, Ungava, had been set aside by Ridgway as the type!

It is, however, convenient to treat as cotypes of so large a bird only those from the restricted type locality, and I therefore list none but Nos. 46057 and 70905, the only Saint Michael skins now to be found in the museum.

Corvus carnivorus, "Bartram" Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xlii, 559 (in key), 560, 1858.

=*Corvus corax sinuatus* Wagler. See Oberholser, Ohio Journ. Sci. 18: 219, 1918.

5186. Adult male. Fort Randall, Gregory County, South Dakota (not Kansas). October 18, 1856. Collected by Ferdinand V. Hayden.

No. 5186 is but one of a series of 10 cotypes (see Baird's list, *op. cit.*, p. 562). Ridgway (Birds of North and Middle America 3: 260, 1904) has by implication restricted the type locality to "coast New Jersey," but since Baird's name was really based upon material from west of the Mississippi River, Oberholser's restriction to Fort Randall (*loc. cit.*) is clearly preferable. No. 5186 was Baird's only skin from Fort Randall.

Corvus corax europhilus Oberholser

Ohio Journ. Sci. 18 (6) : 215, April 1918.

=*Corvus corax principalis* Ridgway>*sinuatus* Wagler. See Willett, Auk 58: 248, 1941.

260039. Adult male. Ardell, Cullman County, Alabama. April 4, 1915. Collected by Luther J. Goldman. Original number 211. Received from the U.S. Fish and Wildlife Service.

Corvus cryptoleucus Couch

Proc. Acad. Nat. Sci. Philadelphia 7 (2) : 66 (not earlier than Apr. 25), 1854.

4118. Adult female. Charco Escondido, State of Tamaulipas, México. March 1853. Collected by Darius N. Couch. Original number 82.

C[orvus]. americanus hesperis Ridgway

Manual of North American Birds, p. 362, September 1887.

=*Corvus brachyrhynchos hesperis* Ridgway. See A.O.U. Checklist of North American birds, ed. 4, p. 227, 1931.

94976. Adult female. Fort Klamath, Klamath County, Oregon. March 26, 1883. Collected by Charles E. Bendire. Original number 453.

94977. Adult male. Fort Klamath, Klamath County, Oregon. April 8, 1883. Collected by Charles E. Bendire. Original number 467.

Ridgway based this race upon an unknown number of specimens from "Western United States, north to Washington Territory (Puget Sound), Idaho, Montana, etc., south to northern Mexico, east to Rocky Mountains." Since no particular example was mentioned, all must be considered cotypes, and Ridgway's implication that the type came from Fort Klamath (Birds of North and Middle America 3: 272, 1904) amounts to no more than a restriction of type locality. Parenthetically, it may be noted that Ridgway, in 1887, gave his new form the vernacular name "California Crow."

I have listed here as cotypes the two specimens of the original series from Fort Klamath still to be found in the museum collection.

Corvus brachyrhynchos C. L. Brehm

Beiträge zur Vögelkunde 2: 37, 56, 1822.

=*Corvus brachyrhynchos brachyrhynchos* C. L. Brehm. See A.O.U., Checklist of North American birds, ed. 4, p. 226, 1931.

217866. Subadult female. "America septentrionalis" (type locality restricted to "vicinity of Boston, Massachusetts," by Howell, Proc. Biol. Soc. Washington 26: 200, 1913). Received from Otto Kleinschmidt, who acquired it from the Rothschild Museum, Tring.

Brehm's original label reads: "Corvus americanus/ ♀ annua America/ septentrionalis."

On one of his own labels Kleinschmidt has written: "s[iehe] Beiträge II. p. 56–58! Da Brehm den Namen americanus in V[ollständige] Vogelfang p. 57 in Klammer hersetzt, ist dies wohl d[er]. Typus von Corvus brachyrhynchos Brm."

Corvus americanus Audubon

Birds of America (folio) 2 (32): pl. 156, 1833.

=*Corvus brachyrhynchos brachyrhynchos* Brehm. See Ridgway, Birds of North and Middle America 3: 746, 1904.

2848. Adult (sex not indicated). Received from Spencer F. Baird, who acquired it from John J. Audubon.

By museum tradition, No. 2848 is a cotype of Audubon's *Corvus americanus.* There is nothing whatsoever to lend confirmation to this belief, and I list the specimen here only because it has for many years been kept among the types.

Corvus brachyrhynchos paulus A. H. Howell

Proc. Biol. Soc. Washington 26: 199, Oct. 23, 1913.

204882. Adult female. Bon Secour, Baldwin County, Alabama. October 24, 1908. Collected by Arthur H. Howell. Original number 741. Received from the U.S. Fish and Wildlife Service.

Corvus americanus, var. **floridanus** Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xliii, 560 (in key), 568, 1858.

C[orvus]. a[mericanus]. pascuus Coues

Auk 16 (1): 84, January 1899.

=*Corvus brachyrhynchos pascuus* Coues. See A.O.U., Checklist of North American birds, ed. 4, p. 227, 1931.

10374. Adult male. "Not far from Fort Dallas"=vicinity of Miami, Dade County, Florida. May 17, 1858. Collected by Gustavus Würdemann.

Coues's *C. a. pascuus* is a substitute name for *Corvus americanus*, var. *floridanus* Baird, not *Corvus floridanus* Bonaparte, 1826, and is based upon the same type specimen.

Corvus caurinus Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xliii, 559 (in key), 569, 1858.

9511 (not 9811). Adult (sex not indicated). Orcas Island, San Juan County, Washington. December 20, 1857. Collected by Caleb B. R. Kennerly. Original number 87. Northwestern Boundary Survey.

10306. Adult (sex not indicated). Shoalwater Bay, Pacific County, Washington. September 14, 1854. Collected by James G. Cooper. Original number 96.

10307. Adult (sex not indicated). Fort Steilacoom, Pierce County, Washington. April 25, 1856. Collected by George Suckley. Original number 323. Pacific Railroad Survey, Line of the 47th Parallel.

10310. Adult (sex not indicated). Fort Steilacoom, Pierce County, Washington. February 1856. Collected by George Suckley. Original number 230. Pacific Railroad Survey, Line of the 47th Parallel.

This name was based upon a series of eight cotypes. In addition to the four listed above, these were: No. 10308, from Fort Steilacoom, sent at an unknown date in the nineteenth century to "No. 5"; No. 10309, from Fort Steilacoom, sent in 1877 to the Mombusho Museum, Tokyo; No. 10311, from Fort Steilacoom, presented to George N. Lawrence and now No. 42372 in the collection of the American Museum of Natural History, New York; No. 10312, Fort Steilacoom, sent in 1877 to the museum at Lisbon.

Genus PICA Brisson

Pica camtschatica Stejneger

Proc. Biol. Soc. Washington 2: 97, Apr. 10, 1884.

=*Pica pica camtschatica* Stejneger. See Bergman, Zur Kenntnis nordostasiatischer Vögel, p. 33, 1935.

89144. Adult male. Petropavlovsk-Kamchatskii, Kamchatka District, Far-Eastern Region, U.S.S.R. June 29, 1882. Collected by Leonhard H. Stejneger. Original number 1237.

92695. Adult male. Petropavlovsk-Kamchatskii, Kamchatka District, Far-Eastern Region, U.S.S.R. September 30, 1883. Collected by Leonhard H. Stejneger. Original number 2727.

A third cotype, No. 92698, an immature female, was "returned" to Stejneger in September 1885; its present whereabouts is unknown.

Corvus nutallii [*sic*] Audubon

Birds of America (folio) 4: pl. 362, fig. 1, 1836 or 1837.

=*Pica nuttallii* (Audubon). See Grinnell, Univ. California Publ. Zool. 38: 288, 1932.

2845. Adult (sex not indicated). "The vicinity of Santa Barbara," Santa Barbara County, California (*fide* Nuttall, Manual Orn., ed. 2, p. 236, 1840). April 1836. Collected by Thomas Nuttall. Received from Spencer F. Baird, who acquired it from John J. Audubon.

A MS. note by Richmond reads: "Nuttall got the bird in Mch. or April, 1836, & got back to Boston on *Sept. 21, 1836.* For Audubon to get this skin, describe and paint it, have it engraved & published in *1836* would have required quick work. Prob. publ. in *1837.*"

Genus CRYPSIRINA Vieillot

Crypsirina formosae sapiens Deignan

Bull. Brit. Orn. Club 75 (9) : 130, Dec. 1, 1955.

297970. Adult male. Omei-shan (at elev. 4,000 feet), Szechwan Province, China. August 29, 1923. Collected by David C. Graham.

Genus GARRULUS Brisson

G[landarius]. garrulus fasciatus A. E. Brehm

Allgemeine Deutsche Naturhistorische Zeitung (neue folge) 3 (11) : 446, 1857.

=*Garrulus glandarius fasciatus* (A. E. Brehm). See Hartert, Nov. Zool. 25: 9, 1918.

98563. Adult female. Sierra Nevada, Spain. November 21, 1856. Collected by Alfred E. Brehm. Received from Leonhard H. Stejneger (in whose private collection it was No. 313), who acquired it from Wilhelm Schlüter, a dealer in Halle an der Saale.

Hartert (*loc. cit.*), writing of an adult male formerly in the Rothschild Collection, now in the American Museum of Natural History, states: "This is undoubtedly the type specimen, it being called on the label the real *fasciatus*, and a description added."

The same author has, however, earlier informed us (Zoologische Annalen 3: 66, 1908) that in the Brehm Collection "befinden sich ausser zwei Spaniern auch mehrere deutsche und andre Häher als *fasciatus* bezeichnet." It seems clear that the notation "the real *fasciatus*" was written some time after publication of the name, to indicate that it had been given to the Spanish, and not to the German and other specimens.

The original label of Alfred E. Brehm, still attached to our skin, reads: "Glandarius vulgaris fasci-/atus nobis ♀ 21. 11. 56. Sier-/ra nevada." There is no reason to suppose that this, and the two Spanish birds examined by Hartert, are not equivalent cotypes.

Brehm's paper has not been available to me, but has been seen by the late Charles W. Richmond. While Hartert quotes the name as "*Garrulus garrulus fasciatus*," Richmond's card gives it as "*G[landarius]. garrulus fasciatus.*"

Genus PERISOREUS Bonaparte

[Perisoreus canadensis, var.] fumifrons "Ridgway" Henshaw

Annual Report of the Secretary of War, for 1879, 2 (3) : 2260, 1879.

Perisoreus canadensis fumifrons Ridgway

Proc. U.S. Nat. Mus. 3: 5, April? 1880.

=*Perisoreus canadensis pacificus* (Gmelin). See Stresemann, Ibis 91: 252, 1949.

46024. Adult (sex not indicated). Saint Michael (on the southern shore of Norton Sound), western Alaska. August 29, 1866. Collected by Charles Pease. Original number 182. Western Union Company's Overland International Telegraph Expedition.

Ridgway applied the name *fumifrons* to birds from "north of Sitka and in the Yukon territory," but immediately following his description gave the habitat of his new form as "Coast of Alaska." There were available to him in the museum some dozens of Alaskan specimens, but No. 46024 is the only adult still at hand that in the strictest sense might be considered as from the "Coast of Alaska."

In the A.O.U. Checklist of North American Birds, ed. 4, p. 220, 1931, we find the type locality given as Nulato, presumably because, on the labels of two of the six Nulato skins now in the museum, the word "fumifrons" appears in Ridgway's hand. Inasmuch as Nulato is not a coastal locality, it seems to me best to accept the earlier restriction made by Ridgway himself (Birds of North and Middle America 3:370, 1904). In this case, No. 46024 will be the only possible lectotype.

By an accident, Henshaw's use of the name *fumifrons* antedated Ridgway's, even though, after discussing the difference between specimens from Maine and from Alaska, Henshaw considered the latter unworthy of nomenclatorial recognition.

We know only that Henshaw had seen a minimum of seven skins in the Smithsonian collection, all of which must have been used also by Ridgway. Since there is no reason whatsoever to suppose that No. 46024 was not among them, and so far as possible to avoid confusion in the future, I here designate No. 46024 as the lectotype also of *P. c. fumifrons* Henshaw.

Perisoreus obscurus rathbuni Oberholser

Proc. Biol. Soc. Washington 30: 185, Dec. 1, 1917.

=*Perisoreus canadensis rathbuni* Oberholser. See Hellmayr, Catalogue of birds of the Americas 7: 69, 1934.

302077. Adult male. Crescent Lake, Clallam County, Washington. April 21, 1916. Collected by Samuel F. Rathbun. Original number 828. Received from the U.S. Fish and Wildlife Service, which acquired it from Samuel F. Rathbun.

[Perisoreus Canadensis] var. **obscurus** Ridgway

Bull. Essex Inst. 5 (11) :194, November 1873.

=*Perisoreus canadensis obscurus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 69, 1934.

8454. Adult (sex not indicated). Shoalwater Bay, Pacific County, Washington. March 10, 1854. Collected by James G. Cooper. Original number 61.

5904. Immature (sex not indicated). Shoalwater Bay, Pacific County, Washington. July 1855. Collected by James G. Cooper.

This form was redescribed by Ridgway (*in* Baird and Ridgway, Bull. Essex Inst. 5: 199, December 1873), where Nos. 8454 and 5904 are stated to be the cotypes.

Perisoreus canadensis connexus Aldrich

Wilson Bull. 55 (4) : 217, December 1943.

271630. Adult female. Bald Mountain (at elev. 6,800 feet), northwestern Okanogan County, Washington. September 6, 1920. Collected by George G. Cantwell. Original number 1062. Received from the U.S. Fish and Wildlife Service.

Perisoreus obscurus griseus Ridgway

Auk 16 (3) :255, July 1899.

=*Perisoreus canadensis griseus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 69, 1934.

156543. Adult male. Keechelus Lake, Kittitas (not Kittinas) County, Washington. August 15, 1897. Collected by Albert K. Fisher. Original number 5269. Received from the U.S. Fish and Wildlife Service.

Perisoreus Canadensis, var. **capitalis** "Baird" Ridgway

Bull. Essex Inst. 5(11) : 193, November 1873.

=*Perisoreus canadensis capitalis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 68, 1934.

61084. Adult (sex not indicated). Henry's Fork, Summit County, Utah (not Wyoming, *fide* Woodbury and Cottam, Auk 61: 131–132, 1944). October 2, 1870. Collected by H. D. Schmidt. Original number 620.

This form was redescribed by Ridgway (*in* Baird and Ridgway, Bull. Essex Inst. 5: 199, December 1873), where Nos. 61084 and 18440 (from Fort Benton, Chouteau County, Montana) are stated to be the cotypes. No. 18440 belongs, however, to the race now known as *Perisoreus canadensis bicolor* A. H. Miller, 1933.

No. 61084 was sent, on May 6, 1882, to the museum of Brown University, but was returned thence to Washington on January 3, 1898.

Perisoreus canadensis nigricapillus Ridgway

Proc. U.S. Nat. Mus. 5: 15, June 14, 1882.

85950. Adult male. "Labrador," Province of Newfoundland, Canada. April 2, 1880. Collected by — Schneider. Received from Leonhard H. Stejneger (in whose private collection it was No. 714), who acquired it from H. B. Möschler, a dealer in Kronförstchen bei Bautzen, Saxony.

Genus CALOCITTA G. R. Gray

Calocitta formosa azurea Nelson

Auk 14 (1) : 55, January 1897.

144529. Adult male. Huehuetán, State of Chiapas, México. February 24, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3559. Received from the U.S. Fish and Wildlife Service.

Genus CYANOCORAX Boie

Cyanocorax affinis zeledoni Ridgway

Auk 16 (3) : 255, July 1899.

67972. Adult male. "Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). May 1874. Collected by Juan Cooper (not José C. Zeledón). Original number 252. Received from William M. Gabb.

Genus XANTHOURA Bonaparte

Xanthoura luxuosa glaucescens Ridgway

Auk 17 (1) : 28, January 1900.

=*Xanthoura yncas glaucescens* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 36, 37, 1934.

70593. Adult male. Fort Brown=Brownsville, Cameron County, Texas. March 30, 1876. Collected by James C. Merrill. Original number 59.

Xanthoura luxuosa speciosa Nelson

Auk 17 (3) : 265, July 1900.

=*Xanthoura yncas speciosa* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 35, 36, 1934.

156055 (not 166055). Adult male. San Sebastián, State of Jalisco, México. March 13, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3845. Received from the U.S. Fish and Wildlife Service.

Xanthoura luxuosa vivida Ridgway

Auk 17 (1) : 28, January 1900.

=*Xanthoura yncas vivida* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7:35, 1934.

144810. Adult male. Pluma, State of Oaxaca, México. March 20, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2585. Received from the U.S. Fish and Wildlife Service.

Xanthoura yncas galeata Ridgway

Auk 17 (1) : 27, January 1900.

81879. Adult (sex not indicated). "Western Colombia" (type locality restricted to El Edén, "a posada at an altitude of 8,300 feet, on the Quindio Trail, about ten miles west of Ibagüe," Department of Tolima, Colombia, by Chapman, Bull. Amer. Mus. Nat. Hist. 36: 637, 1917).

Purchased in December 1878, from J. Wallace. Received from Robert Ridgway, of whose private collection it once formed part.

Genus CISSILOPHA Bonaparte

Cissolopha pulchra Nelson

Auk 14 (1): 56, January 1897.

=*Cissilopha san-blasiana san-blasiana* (Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 7: 37, footnote 2, 1934.

144794. Adult male. Acapulco, State of Guerrero, México. January 13, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2481. Received from the U.S. Fish and Wildlife Service.

Genus CYANOLYCA Cabanis

Cyanocorax cucullatus Ridgway

Proc. U.S. Nat. Mus. 8: 23, May 6, 1885.

=*Cyanolyca cucullata cucullata* (Ridgway). See Pitelka, Condor 53: 97–98, 300, 1951.

101845. Adult (sex not indicated). Navarro (elev. 3,500 feet), Province of Cartago, Costa Rica. October 30, 1882. Collected by Juan Cooper. Received from José C. Zeledón.

Cyanolyca mirabilis Nelson

Proc. Biol. Soc. Washington 16: 154, Nov. 30, 1903.

186545. Adult male. Omilteme, State of Guerrero, México. May 22, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9998. Received from the U.S. Fish and Wildlife Service.

Cyanolyca argentigula albior Pitelka

Journ. Washington Acad. Sci. 41 (3): 114, Apr. 3, 1951.

209407. Adult male. Volcán Turrialba (at elev. 9,680 feet), Province of Cartago, Costa Rica. March 28, 1908. Collected by Robert Ridgway and José C. Zeledón. Original number 582. [U.S. National] Museum-Zeledón Expedition.

Cyanocitta argentigula Lawrence

Ann. Lyc. Nat. Hist. New York 11 (3–4): 88, February 1875.

=*Cyanolyca argentigula argentigula* (Lawrence). See Pitelka, Journ. Washington Acad. Sci. 41: 113–115, 1951.

67963. Adult female. "Talamanca"=(probably) "near and more or less north of Pico Blanco, above Sipurio and probably in the drainage of the Río Lari" (see Pitelka, *op. cit.*, p. 114), Costa Rica or Panamá (contested territory). May or June 1874. Collected by Juan J. Cooper. Original number 320. Received from William M. Gabb.

Genus APHELOCOMA Cabanis

Aphelocoma insularis Henshaw

Auk 3 (4): 452, October 1886.

=*Aphelocoma coerulescens insularis* Henshaw. See Hellmayr, Catalogue of birds of the Americas 7: 53, 1934.

72542. Adult male. Santa Cruz Island, Santa Barbara County, California. June 11, 1875. Collected by Henry W. Henshaw. Original number 20. Explorations and Surveys West of the 100th Meridian, Expedition of 1875.

72543. Adult female. Original number 731. Other data same as for No. 72542.

79695. Adult (sex not indicated). Original number 733. Other data same as for No. 72542.

No. 72543 was, according to a note in the register, presented to Henshaw in 1877; its presence in the collection today is not explained.

It should be noted that, while Henshaw at the original description claimed to have collected only three specimens, there was a fourth (No. 72544) sent to the Indiana State University on January 12, 1884.

A[phelocoma]. californica hypoleuca Ridgway

Manual of North American birds, p. 356, September 1887.

=*Aphelocoma coerulescens hypoleuca* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 53, 1934.

86325. Adult male. La Paz, State of Baja California, México. December 18, 1881. Collected by Lyman Belding.

86326. Adult male. La Paz, State of Baja California, México. January 26, 1882. Collected by Lyman Belding.

This form was "based on many specimens from Cape St. Lucas, La Paz, and contiguous localities, collected by J. Xantus and L. Belding." Ridgway (Birds of North and Middle America 3: 331, 1904) restricted the type locality to La Paz, and I have listed here the two skins of the original series from that locality now to be found in the museum.

No. 86326 is at present in the exhibition collection of mounted birds.

Cyanocitta woodhouseii Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xliii, 584 (in key), 585, 1858.

=*Aphelocoma coerulescens woodhouseii* (Baird). See Hellmayr, Catalogue of birds of the Americas 7: 53, 1934.

8484. Adult (sex not indicated). Fort Thorn, Doña Ana County, New Mexico. Entered into the museum register in December 1857. Collected by T. Charlton Henry. Pacific Railroad Survey, Line of the 32nd Parallel, East.

9345. Adult female. San Francisco Mountains, Catron County, New Mexico. October 11, 1851. Collected by Samuel W. Woodhouse. Expedition down the Zuñi and Colorado Rivers (1851).

Baird listed three specimens from New Mexico, and (doubtfully) a fourth from "Mexico." Since this last was later to become the type of a distinct race, *Aphelocoma cyanotis* Ridgway, it need not be considered here. The third true cotype of *woodhouseii*, No. 5035, from Independence Springs, was sent in February 1861 to Adolphus L. Heermann; its present whereabouts is unknown.

Aphelocoma grisea Nelson

Proc. Biol. Soc. Washington 13: 27, May 29, 1899.

=*Aphelocoma coerulescens grisea* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 54, 1934.

164250. Adult female. Near Guachochi, in the Sierra Madre, State of Chihuahua, México. September 27, 1898. Collected by Edward A. Goldman. Original number 5868. Received from the U.S. Fish and Wildlife Service.

Aphelocoma texana Ridgway

Auk 19 (1) : 70, January 1902.

=*Aphelocoma coerulescens texana* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 54, 1934.

150507. Adult female. "Near the big sink on the head of the Nueces River," Edwards County, Texas. December 1, 1894. Collected by Henry P. Attwater. Original number 1.

A[phelocoma]. cyanotis Ridgway

Manual North American birds, p. 357, September 1887.

=*Aphelocoma coerulescens cyanotis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 55, 1934.

8465. Adult (sex not indicated). "México." September 1836. Collected by — Morgan? Received from John Gould, who acquired it from John Taylor.

The oldest label attached to this specimen is Gould's; its data read: "John Taylor Esq/Mexico/Sep 1836." Reference to "Taylor (J.)" in Bowdler Sharpe's History of the Collections . . . of the British Museum, Birds (p. 497, 1906), will show that, in 1841, Taylor presented to the British Museum "21 birds from Mexico," and Sharpe comments: "A MS. note by Dr. J. E. Gray adds: 'Who received them from Mr. Morgan, of the Rio del Monte Camp.' They were examined and said to be described by Mr. Swainson."

It seems probable that the 19 skins, attributed to Taylor and presented to the U.S. National Museum by Gould about 1857, have an identical history, and Real del Monte, State of Hidalgo, might be accepted as the restricted type locality.

Cyanocitta Floridana, var. Sumichrasti Ridgway
in Baird and Ridgway, Bull. Essex Inst. 5 (12) : 199, December 1873.
=*Aphelocoma coerulescens sumichrasti* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 55, 1934.

42149. Adult (sex not indicated). Orizaba, State of Veracruz, México. Entered into the museum register on July 5, 1866. Collected by Adrien L. F. Sumichrast. Original number 34.

Cyanocitta ultramarina, var. Arizonæ Ridgway
in Baird and Ridgway, Bull. Essex Inst. 5 (12) : 199, December 1873.
=*Aphelocoma ultramarina arizonae* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 44, 1934; Van Rossem, Auk 59: 572–573, 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

18279. Subadult (sex not indicated). Fort Buchanan, Santa Cruz County, Arizona. December 9, 1858. Collected by Bernard J. D. Irwin. Original number 21.

8469. Immature male. Copper Mines, Grant County, New Mexico (not Arizona). October 18, 1846. Collected by John H. Clark. Military Reconnaissance from Fort Leavenworth in Missouri, to San Diego in California (1846–1847).

C[yanocitta]. couchii Baird
in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 588, 1858.
=*Aphelocoma ultramarina couchii* (Baird). See Hellmayr, Catalogue of birds of the Americas 7: 56, 1934; Van Rossem, Auk 59: 572–573; 1942; A.O.U. Committee on Classification and Nomenclature, Auk 64: 450, 1947.

4112. Adult male. Guajuco (about 18 miles southeast of Monterrey), State of Nuevo León, México. April 1853. Collected by Darius N. Couch. Original number 156.

4113. Adult male. Guajuco, State of Nuevo León, México. April 1853. Collected by Darius N. Couch. Original number 157.

Aphelocoma sieberi potosina Nelson
Auk 16 (1) : 27, January 1899.
=*Aphelocoma ultramarina potosina* Nelson. See Hellmayr, Catalogue of birds of the Americas 7:56, 57, 1934; Van Rossem, Auk 56: 86–87, 1939; Van Rossem, Auk 59: 572–573, 1942; Brodkorb, Auk 61: 400–401, 1944; Pitelka (MS.).

144642. Adult male. Mountains near Jesús María, State of San Luis Potosí, México. September 3, 1892. Collected by Edward W. Nelson. Original number 333. Received from the U.S. Fish and Wildlife Service.

Aphelocoma sieberi colimæ Nelson

Auk 16 (1) : 27, January 1899.

=*Aphelocoma ultramarina colimae* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 57, 1934; Van Rossem, Auk 59: 572–573, 1942.

156052. Adult female. Jacala, State of Jalisco, México. March 6, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3816. Received from the U.S. Fish and Wildlife Service.

Aphelocoma guerrerensis Nelson

Proc. Biol. Soc. Washington 16: 154, Nov. 30, 1903.

=*Aphelocoma unicolor guerrerensis* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 58, 1934.

185539. Adult male. Omilteme, State of Guerrero, México. May 19, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9926. Received from the U.S. Fish and Wildlife Service.

Aphelocoma unicolor cœlestis Ridgway

Proc. Biol. Soc. Washington 16: 108, Sept. 30, 1903.

=*Aphelocoma unicolor unicolor* (Du Bus). See Brodkorb, Auk 61: 401, 1944.

144685. Adult male. San Cristóbal Las Casas=Ciudad Las Casas, State of Chiapas, México. September 24, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3106. Received from the U.S. Fish and Wildlife Service.

Genus CYANOCITTA Strickland

Cyanocitta stelleri carlottæ Osgood

North American Fauna 21: 46, Sept. 26, 1901.

=*Cyanocitta stelleri carlottae* Osgood. See A.O.U., Checklist of North American birds, ed. 4, p. 222, 1931.

166822. Adult male. Cumshewa Inlet, Moresby Island, Queen Charlotte Islands, Province of British Columbia, Canada. June 17, 1900. Collected by Wilfred H. Osgood. Original number 400. Received from the U.S. Fish and Wildlife Service.

[Cyanura stelleri] var. **annectens** Baird

in Baird, Brewer, and Ridgway, History of North American birds (land birds) 2: 281, February 1874.

=*Cyanocitta stelleri annectens* (Baird). See A.O.U., Checklist of North American birds, ed. 4, p. 222, 1931.

17662. Adult male. Bitterroot valley, Missoula or Ravalli County, Montana. Entered into the museum register on July 18, 1860. Collected by John Pearsall. Original number 573.

18371. Adult male. "Hell Gate," Missoula County, Montana. Entered into the museum register on October 9, 1860. Collected by John Pearsall. Original number 729.

22058. Adult (sex not indicated). "W. side Bitterroot Mt."=(probably) Idaho. September 8, 1860. Collected by James G. Cooper. Original number 102.

[Cyanura Stelleri] var. **frontalis** Ridgway

American Journal of Science and Arts (3) 5 (25): 43, January 1873.

=*Cyanocitta stelleri frontalis* (Ridgway). See A.O.U., Checklist of North American birds, ed. 4, p. 222, 1931.

83936=53635 reentered. Adult female. Carson City, Ormsby County, Nevada. November 27, 1867. Collected by Robert Ridgway. Original number 329. U.S. Geological Exploration of the 40th Parallel (1867–1869).

60894=53636 reentered. Adult female. Carson City, Ormsby County, Nevada. November 27, 1867. Collected by Robert Ridgway. Original number 330. U.S. Geological Exploration of the 40th Parallel (1867–1869).

83935=53637 reentered. Adult male. Carson City, Ormsby County, Nevada. March 21, 1868. Collected by Robert Ridgway. Original number 445. U.S. Geological Exploration of the 40th Parallel (1867–1869).

53638. Adult male. Carson City, Ormsby County, Nevada. March 30, 1868. Collected by Robert Ridgway. Original number 477. U.S. Geological Exploration of the 40th Parallel (1867–1869).

53639. Adult male. Carson City, Ormsby County, Nevada. April 18, 1868. Collected by Robert Ridgway. Original number 497. U.S. Geological Exploration of the 40th Parallel (1867–1869).

53640. Adult female. Carson City, Ormsby County, Nevada. April 18, 1868. Collected by Robert Ridgway. Original number 498. U.S. Geological Exploration of the 40th Parallel (1867–1869).

Ridgway (U.S. Geological Exploration of the 40th Parallel 3: 524, 1877), set up Nos. 53639 and 53640 as the types. I look upon his action as a mere restriction of type locality and consider each of his seven specimens from Carson City as an equivalent cotype.

No. 53634, a male, cannot now be found in the museum. Nos. 53635 and 53637 were at some time in the private collection of Robert Ridgway (and were given respectively his Nos. 110 and 109); since, in accordance with his custom, the original labels were removed and presumably destroyed, these skins were, many years later, entered into the register under the Nos. 83936 and 83935, as if they were new accessions to the museum collection.

Cyanocitta stelleri cottami Oberholser

Proc. Biol. Soc. Washington 50: 117, Aug. 7, 1937.

=*Cyanocitta stelleri annectens* (Baird)$\gtreqless$*macrolopha* Baird. See Behle, Bull. Univ. Utah 34: 48–49, 1943; Behle, Condor 46: 78, 1944; A.O.U. Committee on Classification and Nomenclature, Auk 63: 430, 1946.

139672. Adult female. Provo, Utah County, Utah. October 24, 1895. Collected by Arthur H. Howell. Original number 90. Received from the U.S. Fish and Wildlife Service.

Cyanocitta macrolopha Baird

Proc. Acad. Nat. Sci. Philadelphia 7 (3) :118 (not earlier than June 27), 1854.

=*Cyanocitta stelleri macrolopha* Baird. See A.O.U. Committee on Classification and Nomenclature, Auk 63: 430, 1946.

8351. Adult (sex not indicated). Cold Springs (near Sawyer), Valencia County, New Mexico. November 17, 1853. Collected by Caleb B. R. Kennerly and H. Baldwin Möllhausen. Original number 20. Pacific Railroad Survey, Line of the 35th Parallel.

This skin, erroneously thought to be an expendable duplicate, was sent on December 4, 1894, to Illinois Wesleyan University, Bloomington, Ill., but at some later date was returned to Washington.

Cyanocitta stelleri azteca Ridgway

Auk 16 (3) : 256, July 1899.

35156. Adult (sex not indicated). "Mountains near Mirador, Vera Cruz," error; type locality corrected to Río Frío, State of México, México (see Brodkorb, Auk 61: 402–403, 1944). June 1864. Collected by Carl C. W. Sartorius. Original number 174.

This bird at some time left the national collection to enter that of Robert Ridgway (where it was No. 1191) ; it was apparently returned shortly before *C. s. azteca* was described, but without its original label.

Cyanocitta stelleri purpurea Aldrich

Proc. Biol. Soc. Washington 57: 23, June 28, 1944.

185115. Adult male. Patambán, State of Michoacán, México. January 30, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9025. Received from the U.S. Fish and Wildlife Service.

Family PARADISAEIDAE: Birds of Paradise

INTERGENERIC HYBRID

Cicinnurus lyogyrus Currie

Proc. U.S. Nat. Mus. 22: 497, July 7, 1900.

=*Cicinnurus regius* (Linnaeus) × *Diphyllodes magnificus* (Pennant). See Mayr, List of New Guinea birds, pp. 180, 182, 1941.

124628. Adult male. "New Guinea." Entered into the museum register on October 17, 1891. Received from Adolphe Boucard

Family PARIDAE: Titmice

Genus PARUS Linnaeus

Parus colletti Stejneger

Proc. U.S. Nat. Mus. 11: 74, Nov. 8, 1888.

=*Parus montanus colletti* Stejneger. See Lönnberg, Fauna och Flora 20: 113–118, 1925; Snow, Bull. Brit. Orn. Club 76: 29–31, 1956.

113225. Adult female. Ask, near Bergen, County of Hordaland, southwestern Norway. August 22, 1887. Received from Leonhard H. Stejneger, who acquired it from the Bergen Museum.

Parus atricapillus turneri Ridgway

Proc. Biol. Soc. Washington 2: 89, Apr. 10, 1884.

70826. Adult male. Saint Michael (on the southern shore of Norton Sound), western Alaska. May 1, 1876. Collected by Lucien McS. Turner. Original number 1091.

Parus occidentalis Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xxxvii, 388 (in key), 391, 1858.

=*Parus atricapillus occidentalis* Baird. See Duvall, Auk 62: 64–65, 1945.

6762. Adult (sex not indicated). Fort Vancouver, Clark County, Washington. February 4, 1854. Collected by James G. Cooper. Original number 25. Pacific Railroad Survey, Line of the 47th Parallel.

6763. Adult (sex not indicated). Shoalwater Bay, Pacific County, Washington. September 12, 1854. Collected by James G. Cooper. Original number 94.

6767. Adult male. Saint Helens, Columbia County, Oregon. January 27, 1856. Collected by George Suckley. Original number 209.

Three other cotypes are no longer in the museum collection: No. 4538 *bis* (not 4538), from "Washington Territory," was sent in 1859 to George N. Lawrence; No. 6768, from Shoalwater Bay, was sent in 1859 to Percy L. Sclater; No. 9219, from "California," was sent on November 24, 1884, to Henry K. Coale.

P[arus]. albescens Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xxxvii (name), 389 (descr.), 1858.

=*Parus atricapillus septentrionalis* Harris. See Duvall, Auk 62: 59–60, 1945.

6766 (not 6776). Adult (sex not indicated). "New Mexico." September 30, 1845. Collected by Richard H. Kern. Original number 14. Received from John Cassin.

Penthestes atricapillus practicus Oberholser

Proc. Biol. Soc. Washington 50: 220, Dec. 28, 1937.

=*Parus atricapillus practicus* (Oberholser). See Duvall, Auk 62: 54, 1945.

340642. Adult male. Mount Guyot (at elev. 6,500 feet), Great Smoky Mountains, Swain County, North Carolina. April 15, 1932. Collected by Thomas D. Burleigh. Original number 1797. Received from the U.S. Fish and Wildlife Service.

Parus carolinensis Audubon

Ornithological biography 2: 341, 1834.

=*Parus carolinensis carolinensis* Audubon. See Hellmayr, Catalogue of birds of the Americas 7: 72, 1934.

2932. Adult (sex not indicated). Received from Spencer F. Baird, who acquired it from John J. Audubon.

No. 2932 is, according to museum tradition, one of the cotypes of *Parus carolinensis* Audubon, but evidence for the claim is wholly lacking. In Baird's original register, Nos. 2932, 2933, and 2934 are entered as "atricapillus?", while No. 2935 is given as "carolinus." The last is now considered an example of *P. c. extimus.* Nos. 2933 and 2934 cannot be found in the collection, and their present whereabouts is unknown.

Penthestes carolinensis guilloti Oberholser

Bird life of Louisiana, Louisiana Dept. Cons. Bull., p. 425, 1938.

=*Parus carolinensis carolinensis* Audubon. See Wetmore, Proc. U.S. Nat. Mus. 86: 207, 208–209, 1939; A.O.U. Committee on Classification and Nomenclature, Auk 61: 453, 454, 1944.

193567. Adult male. Belair, Plaquemines Parish, Louisiana. April 1, 1904. Collected by W. E. Forbes and Ned Hollister. Original number 24. Received from the U.S. Fish and Wildlife Service.

Parus palustris dresseri Stejneger

Proc. U.S. Nat. Mus. 9: 200, Oct. 22, 1886.

96550. Adult (sex not indicated). "The Nockholt beeches," County of Kent, England. April 1863. Collected by Henry Whitely, Jr. Received from Thomas W. Blakiston, of whose private collection it once formed part.

Parus hensoni Stejneger

Proc. U.S. Nat. Mus. 15: 342, Aug. 2, 1892.

=*Parus palustris hensoni* Stejneger. See Orn. Soc. Japan, Handlist of the Japanese birds, ed. 3, rev., p. 40, 1942.

114093. Adult male. Hakodate, Hokkaido Island, Japan. November 7, 1884. Collected by Harry V. Henson. Original number 230.

Parus seebohmi Stejneger

Proc. U.S. Nat. Mus. 15: 343, Aug. 2, 1892.

=*Parus palustris hensoni* Stejneger. See Orn. Soc. Japan, Handlist of the Japanese birds, ed. 3, rev., p. 40, 1942.

96144. Adult male. Sapporo, Hokkaido Island, Japan. October 12, 1882. Collected by Thomas W. Blakiston. Original number 3131.

Parus gambeli thayeri Birtwell

Auk 18 (2) : 166, April 1901.

=*Parus gambeli gambeli* Ridgway. See Cooke, *in* Bailey, Birds of New Mexico, p. 509, 1928; A.O.U. Committee on Classification and Nomenclature, Auk 61: 453, 454, 1944.

175399. Adult (sex not indicated). Albuquerque, Bernalillo County, New Mexico. December 27, 1900. Collected by Francis J. Birtwell. Original number 226. Received from Francis J. Birtwell, of whose private collection it once formed part.

Parus hudsonicus ungava Rhoads

Auk 10 (4) : 328, October 1893.

=*Parus hudsonicus hudsonicus* Forster. See A.O.U. Committee on Classification and Nomenclature, Auk 11: 49, 1894.

100630. Adult male. Fort Chimo (near the mouth of the Koksoak River), northern Quebec Province, Canada. April 1, 1884. Collected by Lucien McS. Turner. Original number 4449.

93565. Adult female. Fort Chimo, northern Quebec Province, Canada. March 17, 1883. Collected by Lucien McS. Turner. Original number 1520.

Para [*sic*] hudsonicus rabbittsi Burleigh and H. S. Peters

Proc. Biol. Soc. Washington 61: 115, June 16, 1948.

=*Parus hudsonicus rabbittsi* Burleigh and H. S. Peters. See A.O.U. Committee on Classification and Nomenclature, Auk 66: 283, 1949.

394176. Adult male. Saint Andrews (lat. 47°47′ N., long 59°13′ W.), Saint Georges District, southwestern Newfoundland Province, Canada. May 1, 1947. Collected by Thomas D. Burleigh. Original number 10262. Received from the U.S. Fish and Wildlife Service.

P[arus]. rufescens J. K. Townsend

Journ. Acad. Nat. Sci. Philadelphia 7 (2) : 190, 1837.

=*Parus rufescens rufescens* Townsend. See Hellmayr, Catalogue of birds of the Americas 7: 79, 1934.

1924. Adult (sex not indicated). "Forests of the Columbia river"= (probably) Fort Vancouver, Clark County, Washington. 1834–1836. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon, who in turn obtained it from John K. Townsend.

2931. Adult (sex not indicated). Same data as No. 1924.

A third cotype is preserved in the collection of the Academy of Natural Sciences of Philadelphia (where it is No. 23665).

Parus rufescens caliginosus Burleigh

Proc. Biol. Soc. Washington 72 (5) : 15, Apr. 22, 1959.

394631. Adult male. Twenty miles northeast of Moscow, Latah County, Idaho. June 14, 1947. Collected by David W. Johnston. Original number 134. Received from the U.S. Fish and Wildlife Service.

Parus rufescens β neglectus Ridgway

Proc. U.S. Nat. Mus. 1: 485, May [?] 1879.

=*Parus rufescens neglectus* Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 289, 1932; A.O.U. Committee on Classification and Nomenclature, Auk 61: 453, 454, 1944.

82670. Adult male. Nicasio, Marin County, California. February 22, 1879. Collected by Charles A. Allen. Original number 46a. Received from Robert Ridgway, of whose private collection it once formed part.

82671. Adult male. February 1, 1877. Other data same as for No. 82670.

82672. Adult female. February 19, 1877. Other data same as for No. 82670.

82673. Adult female. April 2, 1877. Other data same as for No. 82670.

Ridgway based this race upon "many . . . specimens" from the "Coast of California," but the four here listed seem to have been the only ones from the subsequently restricted type locality.

It should be noted that No. 82671, mentioned by Grinnell (*loc. cit.*) as the type, was originally, by the author himself, considered merely a cotype; this is indicated by a fragment of a red type label, bearing Ridgway's own handwriting, still attached to No. 82672. It may be surmised that similar red labels were once borne by the other specimens.

Pardaliparus elegans panayensis Mearns

Proc. U.S. Nat. Mus. 51: 57, Oct. 16, 1916.

=*Parus elegans elegans* Lesson. See Parkes, Proc. Biol. Soc. Washington 71: 99–101, 1958.

233639. Adult male. Panay Island, Philippine Islands. November 14, 1890. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minnesota Academy of Natural Sciences, where it was No. 1395 of the Menage Collection.

Pardaliparus elegans guimarasensis Mearns

Proc. U.S. Nat. Mus. 51: 58, Oct. 16, 1916.

=*Parus elegans albescens* (McGregor). See Parkes, Proc. Biol. Soc. Washington 71: 101–102, 1958.

161448. Adult? female. Guimarás Island (between Panay and Negros Islands), Philippine Islands. December 28, 1887. Collected by Dean C. Worcester. Received from Dean C. Worcester.

Pardaliparus elegans mindanensis Mearns

Proc. Biol. Soc. Washington 18: 8, Jan. 20, 1905.

=*Parus elegans mindanensis* (Mearns). See Parkes, Proc. Biol. Soc. Washington 71: 104, 1958.

192267. Adult male. Mount Apo (at elev. 6,200 feet), Dávao Province, Mindanao Island, Philippine Island. June 25, 1904. Collected by Edgar A. Mearns. Original number 13580.

Pardaliparus elegans suluensis Mearns

Proc. U.S. Nat. Mus. 51: 59, Oct. 16, 1916.

=*Parus elegans suluensis* (Mearns). See Parkes, Proc. Biol. Soc. Washington 71: 104–105, 1958.

233279. Adult male. Sulu Island=Joló Island, Sulu Group, Philippine Islands. September 9, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minnesota Academy of Natural Sciences, where it was No. 1387 of the Menage Collection.

Melaniparus afer fricki Mearns

Smithsonian Misc. Coll. 61 (20): 5, Nov. 29, 1913.

=*Parus afer fricki* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153: 82–83, 1937.

245844. Adult male. Dire Dawa (lat. 9°35′ N., long. 41°52′ E.), eastern Ethiopia. December 9, 1911. Collected by Edgar A. Mearns. Original number 19581. Childs Frick Abyssinian Expedition (1911–1912).

Lophophanes missouriensis Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xxxvi, 384, 1858.

=*Parus bicolor* Linnaeus. See Hellmayr, Catalogue of birds of the Americas 7: 81, 1934.

6752. Adult (sex not indicated). Fort Leavenworth, Leavenworth County, Kansas. January 20, 1855. Collected by Darius N. Couch.

Since this form was given "the name of *Lophophanes missouriensis,* from the river on or near which all the specimens before me were collected," it is easy to decide, from Baird's list of specimens, which are to be considered cotypes. Of the five, No. 4731 was sent to A. J. Falls at a date no longer known; No. 6987 went to Henry W. Henshaw in March 1873 and may now be in the British Museum; Nos. 4730 and 7514 seem to have vanished without trace.

Baeolophus atricristatus paloduro Stevenson

Proc. Biol. Soc. Washington 53: 15, Feb. 16, 1940.

=*Parus atricristatus paloduro* (Stevenson). See A.O.U. Committee on Classification and Nomenclature, Auk 61: 453, 1944.

363608. Adult male. Palo Duro Canyon, Harold Ranch, Armstrong County (18 miles east of Canyon, Randall County), Texas. September 25, 1938. Collected by James O. Stevenson. Original number 1352. Received from the U.S. Fish and Wildlife Service, which acquired it from James O. Stevenson.

Bæolophus atricristatus sennetti Ridgway

Birds of North and Middle America 3: 386, Dec. 31, 1904.

=*Parus atricristatus sennetti* (Ridgway). See A.O.U. Committee on Classification and Nomenclature, Auk 61: 453, 454, 1944.

112939. Adult male. Leon Springs, Bexar County, Texas. March 18, 1887. Collected by Charles W. Beckham. Original number 3105.

Bæolophus inornatus restrictus Ridgway

Proc. Biol. Soc. Washington 16: 109, Sept. 30, 1903.

=*Parus inornatus inornatus* Gambel. See Grinnell, Univ. California Publ. Zool. 38: 289, 1932; A.O.U. Committee on Classification and Nomenclature, Auk 61: 453, 454, 1944.

163569. Adult male. Oakland, Alameda County, California. March 24, 1896. Collected by John Hornung.

Parus inornatus Gambel

Proc. Acad. Nat. Sci. Philadelphia 2 (10): 265 (not earlier than Aug. 26), 1845.

=*Parus inornatus inornatus* Gambel. See Grinnell, Univ. California Publ. Zool. 38: 289, 1932; A.O.U. Committee on Classification and Nomenclature, Auk 61: 453, 454, 1944.

3340. Subadult (sex not indicated). "Upper California"=Monterey, Monterey County, California (*fide* Gambel, Proc. Acad. Nat. Sci. Philadelphia 3: 154, 1847). (Probably) November 20, 1842 (see Gambel, *loc. cit.*). Collected by William Gambel. Received from Spencer F. Baird, who acquired it from Thomas B. Wilson.

Bæolophus inornatus murinus Ridgway

Proc. Biol. Soc. Washington 16: 109, Sept. 30, 1903.

=*Parus inornatus affabilis* (Grinnell and Swarth). See A.O.U. Committee on Classification and Nomenclature, Auk 68: 368, 1951.

133812. Adult male. Nachogüero Valley (just south of the International Boundary between Jacumba and Campo, San Diego County, California, *fide* Grinnell, Univ. California Publ. Zool. 32: 26, 1928), State of Baja California, México. June 4, 1894. Collected by Edgar A. Mearns. Original number 10961. United States-Mexican International Boundary Commission.

Lophophanes inornatus cineraceus Ridgway

Proc. U.S. Nat. Mus. 6: 154, Oct. 11, 1883.

=*Parus inornatus cineraceus* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 84, 1934.

89800. Adult male. La Laguna (in the Sierra de la Laguna, at about lat. 23°35′ N.), State of Baja California, México. February 2, 1883. Collected by Lyman Belding.

Lophophanes inornatus griseus Ridgway

Proc. U.S. Nat. Mus. 5: 344, Sept. 11, 1882.

Parus inornatus ridgwayi Richmond

Proc. Biol. Soc. Washington 15: 155, June 20, 1902.

=*Parus inornatus ridgwayi* Richmond. See Hellmayr, Catalogue of birds of the Americas 7: 84, 1934.

62856. Adult male. "Iron City," Iron County, Utah. October 8, 1872. Collected by Henry W. Henshaw. Original number 263. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1872).

68791. Adult male. Santa Fe, Santa Fe County, New Mexico. January 16, 1874. Collected by Henry W. Henshaw. Original number 41A. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1874).

69403. Adult (sex not indicated). El Paso County, Colorado. January 14, 1874. Collected by Charles E. H. Aiken. Original number 377. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1874).

Ridgway based his *Lophophanes inornatus griseus* upon an extensive series from Colorado, Utah, Nevada, Arizona, and New Mexico, some specimens of which have, by more recent authors, been assigned to the races *zaleptus* and *plumbescens.* Of examples still in the museum collection, only the three here listed belong to *griseus* in its restricted sense.

Nos. 62856 and 68791 at some time left the museum to enter Ridgway's private collection (the former under the new number 2039); these skins suffered the usual loss of original labels, with original data copied only in part onto Ridgway's personal labels (but, in this case, correctly and with reference to the original museum number).

Richmond's *Parus inornatus ridgwayi* is a renaming of Ridgway's *griseus,* preoccupied, when included in the genus *Parus,* by *P*[*arus*]. *griseus* O. F. Müller, 1776, and has the same type specimens.

Genus AEGITHALOS Hermann

Acredula trivirgata magna Clark

Proc. U.S. Nat Mus. 32: 475, June 15, 1907.

=*Aegithalos caudatus magnus* (Clark). See Deignan, Ibis 88: 403, 1946.

114186. Adult male. Seoul, Province of Kyonggi, Korea. October 24, 1883. Collected by Pierre L. Jouy. Original number 1308.

Genus REMIZ Jarocki

Remiz consobrinus suffusus Clark

Proc. U.S. Nat. Mus. 32: 474, June 15, 1907.

=*Remiz pendulinus consobrinus* (Swinhoe). See Austin, Bull. Mus. Comp. Zool. 101: 195, 1948.

114191. Adult male. Fusan, Province of South Kyongsang, Korea. December 21, 1884. Collected by Pierre L. Jouy. Original number 1479.

R[emiz]. c[onsobrinus]. japonicus Clark

Proc. U.S. Nat. Mus. 32: 475, June 15, 1907.

=*Remiz pendulinus consobrinus* (Swinhoe). See Orn. Soc. Japan, Hand-list of the Japanese birds, ed. 3, rev., p. 42, 1942.

96148. Adult male. Nagasaki, Nagasaki Prefecture, Kyushu Island, Japan. February 12, 1877. Collected by Frederick Ringer. Original number 54. Received from Thomas W. Blakiston, in whose private collection it was No. 2543.

96149. Adult? female. Nagasaki, Nagasaki Prefecture, Kyushu Island, Japan. February 25, 1877. Collected by Frederick Ringer. Original number 54. Received from Thomas W. Blakiston, in whose private collection it was No. 2544.

Genus AURIPARUS Baird

Auriparus flaviceps lamprocephalus Oberholser

Auk 14 (4) : 391, October 1897.

=*Auriparus flaviceps flaviceps* (Sundevall). See Grinnell, Condor 33: 167, 1931.

117551. Adult male. Cape San Lucas, State of Baja California, México. April 7, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus PSALTRIPARUS Bonaparte

Psaltriparus minimus saturatus Ridgway

Proc. Biol. Soc. Washington 16: 109, Sept. 30, 1903.

=*Psaltriparus minimus minimus* (J. K. Townsend). See Hellmayr, Catalogue of birds of the Americas 7: 88, 1934.

136372. Adult male. Mount Vernon, Skagit County, Washington. December 11, 1895. Collected by Clark P. Streator. Received from the U.S. Fish and Wildlife Service.

Psaltriparus mininius californicus Ridgway

Proc. Biol. Soc. Washington 2: 89, Apr. 10, 1884.

71918. Adult female. Walker Basin (northeast of Caliente), Kern County, California. November 10, 1875. Collected by Henry W. Henshaw. Original number 678. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1875).

71924. Adult male. Walker Basin, Kern County, California. November 10, 1875. Collected by Henry W. Henshaw. Original number 679. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1875).

71935. Adult female. Fort Tejon, Kern County, California. August 7, 1875. Collected by Henry W. Henshaw. Original number 306. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1875).

91643. Adult male. Baird, Shasta County, California. May 29 (not 27), 1883. Collected by Charles H. (not W.) Townsend. Original number 96.

91890. Immature (sex not indicated). Baird, Shasta County, California. June 26, 1883. Collected by Charles H. (not W.) Townsend. Original number 207.

No. 91643 was long ago made the lectotype, apparently because it was the one first listed at the original description. Although restriction of type locality to Shasta County may be justified on zoological grounds, it is nevertheless certain that, had any example been made the type at the time of description, it would have been one of the fresh-plumaged birds from "Walker's basin," in Kern County.

Nos. 71918, 71924, and 71935 have all at some time formed part of Ridgway's private collection and, as a result, have been divested of their original labels.

Psaltriparus grindæ, "Belding, MS." Ridgway

Proc. U.S. Nat. Mus. 6: 155, Oct. 11, 1883.

=*Psaltriparus minimus grindae* Ridgway. See Grinnell, Univ. California Publ. Zool. 32: 224, 1928.

89801. Adult (sex not indicated). La Laguna (in the Sierra de la Laguna, at about lat. 23°35′ N.), State of Baja California, México. February 2, 1883. Collected by Lyman Belding.

Psaltria plumbea Baird

Proc. Acad. Nat. Sci. Philadelphia 7 (3): 118 (not earlier than June 27), 1854.

=*Psaltriparus minimus plumbeus* (Baird). See Hellmayr, Catalogue of birds of the Americas 7: 90, 1934.

33003. Adult (sex not indicated). "Little Colorado, N.M."=Little Colorado River, Arizona. December 18, 1853. Collected by Caleb B. R. Kennerly and H. Baldwin Möllhausen. Original number 40. Pacific Railroad Survey, Line of the 35th Parallel.

Reference to Baird, *in* Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 399, 1858, will show that two specimens came from "Little Colorado." Of these, No. 6775, taken on December 18, 1853, was sent in 1859 to Percy L. Sclater and is probably now in the collection of the British Museum. No. 33003, taken on "November" [*sic*] 18, 1853, was not entered into the museum register until March 22, 1864, and thus may have been unavailable to Baird in 1854; since, however, although without a number, it was listed by Baird (*loc. cit.*) as early as 1858, one may suppose that it lay before him in 1854 and has an equivalent claim with No. 6775 to cotypeship.

Psaltriparus santaritæ Ridgway

Proc. U.S. Nat. Mus. 10: 697, Oct. 12, 1888.

=*Psaltriparus minimus plumbeus* (Baird). See Hellmayr, Catalogue of birds of the Americas 7: 90, 1934.

98683. Immature male. Gardner's Ranch, Santa Rita Mountains, Santa Cruz or Pima County, Arizona. June 23, 1884. Collected by Edward W. Nelson. Original number 175.

Psaltriparus melanotis iulus Jouy

Proc. U.S. Nat. Mus. 16: 776, Apr. 18, 1894.

=*Psaltriparus minimus iulus* Jouy. See Hellmayr, Catalogue of birds of the Americas 7: 91, 1934.

126630. Adult male. Hacienda "El Molino" ("reached from the station Negrete . . . near Guadalajara"), State of Jalisco, México. June 15, 1892. Collected by Pierre L. Jouy. Original number 1336.

Family SITTIDAE: Nuthatches

Genus SITTA Linnaeus

Sitta magna ligea Deignan

Smithsonian Misc. Coll. 97 (9) : 1, Oct. 10, 1938.

297271. Adult male. Near Likiang (at elev. 8,200 feet), northwestern Yunnan Province, China. August 1923. Collected by Joseph F. C. Rock. Original number 1174.

Sitta amurensis clara Stejneger

Proc. U.S. Nat. Mus. 9: 392, Feb. 10, 1887.

=*Sitta europaea baicalensis* Taczanowski. See Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsband, p. 166, 1933.

91547. Adult (sex not indicated). Sapporo, Hokkaido Island, Japan. October 17, 1882. Collected by Thomas W. Blakiston. Original number 3164. Received from Pierre L. Jouy, in whose collection it was No. 996.

Sitta europæa delacouri Deignan

Journ. Washington Acad. Sci. 28(8) : 372, Aug. 15, 1938.

335604. Adult female. Doi Suthep (at elev. 5,500 feet), Chiang Mai Province, northwestern Thailand. July 14, 1935. Collected by Herbert G. Deignan. Original number 231.

Sitta carolinensis nelsoni Mearns

Proc. U.S. Nat. Mus. 24: 923, June 2, 1902.

131242. Adult male. Huachuca Mountains, Cochise County, Arizona. October 17, 1893. Collected by Edgar A. Mearns. Original number 9725. United States-Mexican International Boundary Commission.

Sitta carolinensis mexicana Nelson and T. S. Palmer

Auk 11 (1) : 45, January 1894.

131515. Adult male. Mount Orizaba, State of Puebla, México. April 26, 1893. Collected by Edward W. Nelson. Original number 1104. Received from the U.S. Fish and Wildlife Service.

Sitta carolinensis umbrosa Van Rossem

Proc. Biol. Soc. Washington 52: 4, Feb. 4, 1939.

164053. Adult male. Near Guadalupe y Calvo, Sierra Madre, State of Chihuahua, México. September 1, 1898. Collected by Edward W. Nelson and Edward A. Goldman. Original number 5813. Received from the U.S. Fish and Wildlife Service.

Sitta pygmaea flavinucha Van Rossem

Proc. Biol. Soc. Washington 52: 5, Feb. 4, 1939.

142763. Adult male. Huitzilac, State of Morelos, México. December 31, 1892. Collected by Edward W. Nelson. Original number 653. Received from the U.S. Fish and Wildlife Service.

Family CERTHIIDAE: Creepers

[Certhia familiaris] brittanica Ridgway

Proc. U.S. Nat. Mus. 5: 113, July 21, 1882.

=*Certhia familiaris brittanica* Ridgway. See Witherby *et al.*, Handbook of British birds 1: 234, 1938.

18760. Adult male. "Europe" (on label) = England (type locality restricted to Mottisfont, Hampshire, by Meinertzhagen, Bull. Brit. Orn. Club 68: 26, 1947). Entered into the museum register on October 26, 1860. Original number 216. Received from the Royal Artillery Institution's Museum.

18761. Adult female. "Europe" (on label). Entered into the museum register on October 26, 1860. Original number 217. Received from the Royal Artillery Institution's Museum.

No. 18760 is yet another cotype that passed into Ridgway's private collection, but later came back to the museum.

It should be noted that Ridgway's solecistic spelling of the subspecific name is usually corrected to *britannica.*

[Certhia familiaris] occidentalis Ridgway

Proc. U.S. Nat. Mus. 5: 115, July 21, 1882.

=*Certhia familiaris occidentalis* Ridgway. See A.O.U., Checklist of North American birds, ed. 4, p. 240, 1931.

7125. Adult (sex not indicated). Fort Steilacoom, Pierce County, Washington. Entered into the museum register on October 8, 1857. Collected by George Suckley. Original number 256.

9520. Adult (sex not indicated). Mud Bay, New Westminster Electoral District, Province of British Columbia, Canada. November 29, 1857. Collected by Caleb B. R. Kennerly. Original number 74. Northwestern Boundary Survey.

11810. Adult male. Semiahmoo (not Hiniahmoo), Whatcom County, Washington. November 27, 1858? Collected by Caleb B. R. Kennerly. Original number 194. Northwestern Boundary Survey.

17433. Adult male. Camp Semiahmoo (not Siniahmoo), New Westminster Electoral District, Province of British Columbia, Canada. January 7, 1860. Collected by Caleb B. R. Kennerly. Original number 461. Northwestern Boundary Survey.

82709. Adult male. Nicasio, Marin County, California. March 17, 1877. Collected by Charles A. Allen. Received from Robert Ridgway.

82710. Adult female. Nicasio, Marin County, California. February 10, 1877. Collected by Charles A. Allen. Received from Robert Ridgway.

Of Ridgway's original series of 15 specimens, all but these six are either referable to *C. f. zelotes* or not certainly determinable to subspecies.

Certhia familiaris caurina Aldrich

Proc. Biol. Soc. Washington 59: 129, Oct. 25, 1946.

367378. Adult male. Gotchen Creek Ranger Station, Mount Adams, Yakima County, Washington. May 16, 1942. Collected by Stanley G. Jewett. Original number 1395. Received from the U.S. Fish and Wildlife Service.

Certhia familiaris zelotes Osgood

Auk 18 (2) : 182, April 1901.

170708. Adult female. Battle Creek ("probably within five miles of Sacramento River and in near vicinity of the U.S. fish hatchery," *fide* Grinnell, Univ. California Publ. Zool. 38: 291, 1932), Tehama or Shasta County, California. October 23, 1898. Collected by Richard C. McGregor.

[Certhia familiaris] montana Ridgway

Proc. U.S. Nat. Mus. 5: 114, July 21, 1882.

=*Certhia familiaris montana* Ridgway. See A.O.U., Checklist of North American birds, ed. 5, p. 402, 1957.

7154. Adult (sex not indicated). "Camp 104," Pueblo Creek (vicinity of Aztec Pass, lat. 34°56′ N., long. 112°53′ W.), Yavapai County, Arizona (not New Mexico). January 22, 1854. Collected by Caleb B. R. Kennerly and H. Baldwin Möllhausen. Original number 47. Pacific Railroad Survey, Line of the 35th Parallel.

13114. Adult female. Cantonment Burgwyn, Taos County, New Mexico. September 10, 1859. Collected by William W. Anderson.

53443. Adult female. "Truckee bottoms," near Pyramid Lake, Washoe County, Nevada. December 9, 1867. Collected by Robert Ridgway. Original number 349. U.S. Geological Exploration of the 40th Parallel.

68793. Adult male. Fort Garland, Costilla County, Colorado. June 3, 1873. Collected by Henry W. Henshaw. Original number 227. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1873).

79550. Adult male. Mount Graham, Graham County, Arizona. September 23, 1874. Collected by Henry W. Henshaw. Original number 810. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1874).

No. 66704, from Apache, Cochise County, Arizona, bears a label with the following notes in Richmond's hand: "This specimen posed as the type from 189-? to May, 1912. It was then found that R.R. had designated no. 79550 as the type at the time he described the form, but the bird had been mounted & the label misplaced until May, 1912, when it was unearthed. C.W.R."

Examination of the original diagnosis shows that no specimen was formally named as *the* type, and if it be true that the words "Var. *montana* Ridgw / Type" were written upon the label of No. 79550 at the time of description, then it is clear that Ridgway's definition of "type" is not ours, for he himself (Birds of North and Middle America 3: 468, 1904) gave the type locality as Apache, Arizona, thus inferentially making No. 66704 the lectotype.

Inasmuch as birds from the neighborhood of Apache represent the race *C. f. albescens* von Berlepsch, it is, of course, in every way preferable to accept Mount Graham as the restricted type locality, as has been done by the A.O.U. Committee on Nomenclature and Classification, but the five specimens listed above must be considered equivalent cotypes.

"?" Certhia mexicana "Licht." Gloger

Abändern der Vögel durch Einfluss des Klima's, p. 154, 1833.

=*Certhia familiaris alticola* G. S. Miller. See W. de W. Miller and Griscom, Amer. Mus. Nov. 183: 7, 1925.

13588. Adult (sex not indicated). "México." Received from John Gould.

A specimen of "*Certhia mexicana*" (No. 8176), received from John Gould, was entered into the museum register in November 1857; a second, of similar history, on December 17, 1859. In the case of the second alone, the specific name is underlined, and there is the notation: "original of Mexicana."

Whether or not No. 13588 has a valid place in this list can probably never be decided, for the specimen was at some time in the private collection of Robert Ridgway, who replaced the older labels with his own.

Hellmayr (Catalogue of birds of the Americas 7: 103, 1934) claims to have examined the type in the museum at Berlin, but there is no reason to suppose that Gloger did not base the name upon two or more cotypes. It may be noted incidentally that the reference given above is one year older than that given by Hellmayr.

Certhia familiaris nubigena Wetmore

Proc. Biol. Soc. Washington 53: 51, Apr. 19, 1940.

349708. Adult male. Desconsuelo (elev. 10,200 feet), Department of Totonicapán, Guatemala. November 24, 1936. Collected by Alexander Wetmore. Original number 9442.

Certhia familiaris nigrescens Burleigh

Proc. Biol. Soc. Washington 48: 62, May 3, 1935.

301577. Adult male. Mount Mitchell (at elev. 6,600 feet), Yancey County, North Carolina. May 8, 1930. Collected by Thomas D. Burleigh. Original number 886. Received from the U.S. Fish and Wildlife Service.

Certhia himalayana infima Ripley

Proc. Biol. Soc. Washington 63: 106, May 25, 1950.

408480. Adult male. Tikapur, Kailali District, western Nepal. January 6, 1949. Collected by S. Dillon Ripley. Original number 443. National Geographic Society-Yale University-Smithsonian Institution Expedition to Nepal.

Family CHAMAEIDAE: Wren-tits

Chamæa fasciata phæa Osgood

Proc. Biol. Soc. Washington 13: 42, May 29, 1899.

=*Chamaea fasciata phaea* Osgood. See A.O.U. Checklist of North American birds, ed. 4, p. 240, 1931.

164256. Adult male. Newport, Lincoln County, Oregon. March 14, 1899. Collected by Bernard J. Bretherton. Original number 2405. Received from the U.S. Fish and Wildlife Service.

Chamæa fasciata rufula Ridgway

Proc. Biol. Soc. Washington 16: 109, Sept. 30, 1903.

=*Chamaea fasciata rufula* Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 291, 1932.

82620. Adult male. Nicasio, Marin County, California. December 8, 1876. Collected by Charles A. Allen. Received from Robert Ridgway, of whose private collection it once formed part.

Parus fasciatus Gambel

Proc. Acad. Nat. Sci. Philadelphia 2 (10): 265, Dec. 5, 1845.

=*Chamaea fasciata fasciata* (Gambel). See Grinnell, Univ. California Publ. Zool. 38: 291, 1932.

3339. Adult (sex not indicated). "California" (type locality restricted to Monterey, Monterey County, by Grinnell, *loc. cit.*). "Probably about 1842," *fide* Grinnell (*loc. cit.*). Collected by William Gambel. Received from Spencer F. Baird, who acquired it from Thomas B. Wilson.

Chamæa fasciata henshawi Ridgway

Proc. U.S. Nat. Mus. 5: 13, June 14, 1882.

=*Chamaea fasciata henshawi* Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 291, 1932.

71981. Adult female. "Tejon Mts.," Kern County, California. August 17, 1875. Collected by Henry W. Henshaw. Original number 380. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1875).

202915 (equals 71982 reentered). Adult female. "Tejon Mts.," Kern County, California. August 17, 1875. Collected by Henry W. Henshaw. Original number 400. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1875).

71984. Immature male. "Tejon Mts.," Kern County, California. August 7, 1875. Collected by Henry W. Henshaw. Original number 379. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1875).

71986. Adult female. Walker Basin, Kern County, California. November 11, 1875. Collected by Henry W. Henshaw. Original number 705. U.S. Explorations and Surveys West of the 100th Meridian (Expedition of 1875).

Ridgway's series, of unknown length, included specimens from Sacramento and San Diego, but he observed that "the extreme development of the characters distinguishing *C. henshawi* is seen in specimens from Walker's Basin and the Tejon Mts., collected by Mr. H. W. Henshaw." There were originally six skins from this restricted area. In addition to the four listed above, there were No. 71983, an adult male, sent on March 1, 1877, to Osbert Salvin, and No. 71985, an adult male, sent to Henshaw on February 24, 1877; each of these is probably now in the collection of the British Museum.

On the label of No. 71986, considered the type by Richmond and Grinnell, is found, in Ridgway's hand: "♀ type of *C. fasciata henshawi* Ridgw." Inasmuch as we can be certain that on the label of one of the London specimens will be found a similar reference to the "♂ type," and that, had it remained in Washington, this bird would have been set aside by Richmond as the type, it is obvious that the choice of No. 71986 was not fairly made; in any case, each one of the series is an equivalent cotype.

No. 71982 at some time entered the private collection of Pierre L. Jouy (where it was No. 596); when it returned to the museum, it bore only Jouy's own label, and was given, on December 12, 1907, the new number of 202915.

Family CHLOROPSEIDAE: Leafbirds, Fairy Bluebirds

Genus AEGITHINA Vieillot

Aegithina viridissima nesiotica Oberholser
Smithsonian Misc. Coll. 60 (7): 10, Oct. 26, 1912.
=*Aegithina viridissima viridissima* (Bonaparte). See Ripley, Bull. Mus. Comp. Zool. 94: 385, 1944.
179989. Adult male. Pulau Tana Bala, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. February 5, 1903. Collected by William L. Abbott.

Aegithina viridissima thapsina Oberholser
U.S. Nat. Mus. Bull. 98: 5 (in checklist), 40, June 30, 1917.
170951. Adult male. Pulau Siantan, Anamba Islands, South China Sea. August 20, 1899. Collected by William L. Abbott.

Aegithina tiphia horizoptera Oberholser
Smithsonian Misc. Coll. 60 (7): 9, Oct. 26, 1912.
180934. Adult male. Telok Beluku, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 3, 1905. Collected by William L. Abbott.

Aegithina tiphia micromelaena Oberholser
Smithsonian Misc. Coll. 76 (6): 7, July 16, 1923.
=*Aegithina tiphia horizoptera* Oberholser. See Meyer de Schauensee and Ripley, Proc. Acad. Nat. Sci. Philadelphia 91: 346, 1939.
180548. Adult male. Tanjong Tedong, Bangka Island (just east of southern Sumatra). June 5, 1904. Collected by William L. Abbott.

Aegithina tiphia damicra Oberholser

Smithsonian Misc. Coll. 76 (6) : 7, July 16, 1923.

=*Aegithina tiphia viridis* (Bonaparte). See Mayr, Bull. Raffles Mus. 14: 35, 1938.

178144. Adult male. Semitau (lat. 0°33′ N., long. 111°58′ E.), Semitau District, Sintang Division, western Borneo. December 14, 1893. Collected by Johannes Büttikofer. Original number 108. Dutch Scientific Expedition to Central Borneo. Received from the Rijksmuseum van Natuurlijke Historië, Leiden.

Aegithina tiphia zophonota Oberholser

Smithsonian Misc. Coll. 76 (6) : 8, July 16, 1923.

=*Aegithina tiphia viridis* (Bonaparte). See Mayr, Bull. Raffles Mus. 14: 35, 1938.

183008. Adult male. Laham (about lat. 0°27′ N., long. 115°25′ E.), West Kutai District, Samarinda Division, eastern Borneo. April 13, 1914. Collected by Harry C. Raven. Original number 1387.

Genus CHLOROPSIS Jardine and Selby

Chloropsis aurifrons pridii Deignan

Smithsonian Misc. Coll. 106 (12) : 2, June 24, 1946.

311538. Adult male. Lower slopes of Doi Ang Ka (Doi Inthanon), about lat. 18°35′ N., long. 98°30′ E., Province of Chiang Mai, northwestern Thailand. December 9, 1928. Collected by Hugh McC. Smith. Original number 2752.

Chloropsis aurifrons inornatus Boden Kloss

Ibis (10) 6 (2) : 80, 198, 518, Apr. 9, 1918.

=*Chloropsis aurifrons inornata* Boden Kloss. See Deignan, Proc. Biol. Soc. Washington 61: 14, 1948.

278455. Subadult (not adult) male. Sathani Lat Bua Khao (lat. 14°50′ N., long. 101°35′ E.), eastern Thailand. October 14, 1916. Collected by Cecil Boden Kloss.

Chloropsis aurifrons incompta Deignan

Proc. Biol. Soc. Washington 61: 14, Mar. 4, 1948.

358924. Adult male. Southern slopes of the Lang Bian Plateau between Dalat and Ban Methuot, Province of Haut-Donaï, southern Annam. June 1939. Collected by Joseph F. C. Rock. Original number 58.

Chloropsis cochinchinensis seri-thai Deignan

Smithsonian Misc. Coll. 106 (12) : 1, June 24, 1946.

330477. Adult male. Ban Tha Lo, southwest of Surat Thani (Ban Don), about lat. 9°5′ N., long. 99°15′ E., peninsular Thailand. September 23, 1931. Collected by Hugh McC. Smith. Original number 5000.

Genus IRENA Horsfield

Glauconympha cyanea megacyanea Oberholser

Journ. Washington Acad. Sci. 7 (17) : 540, Oct. 19, 1917.

=*Irena puella criniger* Bowdler Sharpe. See Ripley, Bull. Mus. Comp. Zool. 94: 386, 1944.

179254. Adult female. Pulau Tuangku, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. January 23, 1902. Collected by William L. Abbott.

Family PYCNONOTIDAE : Bulbuls

Microtarsus melanoleucos proximus Riley

Proc. Biol. Soc. Washington 40: 96, June 30, 1927.

=*Pycnonotus melanoleucos* (Eyton). See Ripley, Bull. Mus. Comp. Zool. 94: 387, 1944; Delacour, Zoologica, New York 28: 21, 1943.

279830. Adult male. Siberut Island, Barussan Islands, eastern Indian Ocean off Sumatra. September 27, 1924. Collected by Cecil Boden Kloss.

Microtarsus melanocephalos hyperemnus Oberholser

Smithsonian Misc. Coll. 60 (7) : 10, Oct. 26, 1912.

=*Pycnonotus atriceps hyperemnus* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 387, 1944; Delacour, Zoologica, New York 28: 21, 1943.

179324. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 22, 1901. Collected by William L Abbott.

Microtarsus melanocephalos chrysophorus Oberholser

Smithsonian Misc. Coll. 60 (7) : 10, Oct. 26, 1912.

=*Pycnonotus atriceps atriceps* (Temminck). See Ripley, Bull. Mus. Comp. Zool. 94: 387, 1944; Delacour, Zoologica, New York 28: 21, 1943.

179998. Adult male. South Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 15, 1902. Collected by William L. Abbott.

Microtarsus atriceps abbotti Oberholser

Proc. U.S. Nat. Mus. 52: 193, Feb. 8, 1917.

=*Pycnonotus atriceps baweanus* (Finsch). See Chasen, Handlist of Malaysian birds, p. 195, 1935; Delacour, Zoologica, New York 28: 21, 1943.

181549. Adult male. Bawean Island (lat. 5°48′ S., long. 112°39′ E.), Java Sea. November 22, 1907. Collected by William L. Abbott.

Pycnonotus dispar xanthops Deignan

Journ. Washington Acad. Sci. 38 (7): 246, Aug. 2, 1948.

=*Pycnonotus melanicterus xanthops* Deignan. See Deignan, Journ. Washington Acad. Sci. 44: 123, 1954.

332362. Adult male. "Khan River"=Ban Mae (lat. 18°40′ N., long. 98°50′ E.), Province of Chiang Mai, northwestern Thailand. February 8, 1932. Collected by Hugh McC. Smith. Original number 5321.

Pycnonotus melanicterus negatus Deignan

Journ. Washington Acad. Sci. 44 (4): 123, May 3, 1954.

450800. Adult male. Ban Hin Laem (lat. 14°40′ N., long. 98°40′ E.), Province of Kanchanaburi, southwestern Thailand. November 1, 1952. Collected by Herbert G. Deignan. Original number 45.

Pycnonotus melanicterus elbeli Deignan

Journ. Washington Acad. Sci. 44 (4): 123, May 3, 1954.

249038. Adult male. Ko Kut (lat. 11°40′ N., long. 102°35′ E.), off the Province of Trat, southeastern Thailand. December 25, 1914. Collected by Cecil Boden Kloss.

Otocompsa flaviventris minor Boden Kloss

Ibis (10) 6 (2): 80, 200, Apr. 9, 1918.

=*Pycnonotus melanicterus caecilli* Deignan. See Deignan, Journ. Washington Acad. Sci. 38: 247–248, 1948, and Journ. Washington Acad. Sci. 44 (4): 123, 1954.

278428. Adult female. Ko Lak=Prachuap Khiri Khan (lat. 11°50′ N., long. 99°50′ E.), Province of Prachuap Khiri Khan, southwestern Thailand. November 16, 1916. Collected by Cecil Boden Kloss.

Pycnonotus dispar caecilii Deignan

Journ. Washington Acad. Sci. 38 (7): 247, Aug. 2, 1948.

=*Pycnonotus melanicterus caecilii* Deignan. See Deignan, Journ. Washington Acad. Sci. 44 (4): 123, 1954.

160418. Adult male. Province of Trang (about lat. 7°–8° N.), peninsular Thailand. February 12, 1897. Collected by William L. Abbott.

Pycnonotus jocosus whistleri Deignan

Journ. Washington Acad. Sci. 38 (8): 280, Aug. 23, 1948.

178729. Adult male. Cinque Islands (southeast of Rutland Island), Andaman Islands, Bay of Bengal. January 18, 1901. Collected by William L. Abbott.

Pycnonotus jocosus pattani Deignan

Journ. Washington Acad. Sci. 38 (8): 280, Aug. 23, 1948.

330406. Adult male. "Bukit," Pattani (lat. 6°50′ N., long. 101°15′ E.), Province of Pattani, southernmost Thailand, January 26, 1931. Collected by Hugh McC. Smith. Original number 4479.

Pycnonotus hoyi Riley

Proc. Biol. Soc. Washington 36: 193, Dec. 19, 1923.

=*Pycnonotus sinensis hoyi* Riley, *fide* Deignan (MS.).

279442. Immature (not subadult) female. Yochow=Yoyang, Province of Hunan, China. June 13, 1923. Collected by Charles M. Hoy. Original number 1075.

Pycnonotus layardi phæocephalus Mearns

Smithsonian Misc. Coll. 56 (20) : 8, Apr. 17, 1911.

=*Pycnonotus tricolor minor* von Heuglin. See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 111, 1937.

217202. Adult female. Kikandwa (elev. about 3,000 feet), Mubende District, Buganda Province, Uganda Protectorate. December 24, 1909. Collected by Edgar A. Mearns. Original number 17755. Smithsonian African Expedition.

Pycnonotus layardi fayi [*sic*] Mearns

Smithsonian Misc. Coll. 56 (20) : 7, Apr. 17, 1911.

=*Pycnonotus tricolor feyi* Mearns. See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 111, 1937.

214391. Adult male. "Fey's Farm," Njabini (elev. 8,000 feet), near Naivasha, Naivasha District, Central Province, Kenya Colony. August 11, 1909. Collected by Edgar A. Mearns. Original number 16537. Smithsonian African Expedition.

This form was named in honor of Captain E. Fey.

Pycnonotus layardi micrus Oberholser

Proc. U.S. Nat. Mus. 28: 891, July 8, 1905.

=*Pycnonotus tricolor micrus* Oberholser. See Jackson, Birds of Kenya Colony and the Uganda Protectorate 2: 854, 1938.

117995. Adult male. Taveta, Teita District, Coast Province, Kenya Colony. March 22, 1888. Collected by William L. Abbott.

Pycnonotus layardi peasei Mearns

Smithsonian Misc. Coll. 56 (20) : 8, Apr. 17, 1911.

=*Pycnonotus dodsoni peasei* Mearns. See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 110, 1937.

213552. Adult male. "Sir Alfred Pease's Farm," near Katanga, Machakos District, Central Province, Kenya Colony. May 2, 1909. Collected by Edgar A. Mearns. Original number 15656. Smithsonian African Expedition.

Pycnonotus cafer primrosei Deignan

Journ. Washington Acad. Sci. 39 (8) : 278, Aug. 16, 1949.

253767. Adult male. Surma Tea Estate, southern Sylhet District, Surma Valley and Hill Division, Assam State, India. January 8 (not 1), 1900. Collected by A. M. Primrose.

Pycnonotus aurigaster innitens Deignan

Journ. Washington Acad. Sci. 39 (8) : 276, Aug. 16, 1949.

=*Pycnonotus aurigaster thais* (Boden Kloss), *fide* Deignan (MS.).

307019. Adult female. Ban Pak Chong (lat. 14°40′ N., long. 101°25′ E.), Nakhon Ratchasima Province, Thailand. February 7, 1925. Collected by Hugh McC. Smith.

Pycnonotus cafer deignani Delacour

Zoological, New York 28 (1) : 29, May 4, 1943.

=*Pycnonotus aurigaster thais* (Boden Kloss), *fide* Deignan (MS.).

337130. Adult male. Chanthaburi (lat. 12°35′ N., long. 102°05′ E.), Chanthaburi Province, Thailand. April 20, 1937 (not 1932). Collected by Herbert G. Deignan. Original number 2534.

Pycnonotus striatus arctus Ripley

Proc. Biol. Soc. Washington 61 (18) : 101, June 16, 1948.

390402. Adult male. Dreyi (elev. 5,140 feet), Mishmi Hills Tribal District, Assam State, India. January 2, 1947. Collected by S. Dillon Ripley. Original number 215. Smithsonian Institution-Yale University Expedition.

Pycnonotus finlaysoni eous Riley

Proc. Biol. Soc. Washington 53 (27) : 133, Nov. 8, 1940.

360964. Adult male. Col des Nuages (between Hue and Tourane), central Annam. January 1940. Collected by Joseph F. C. Rock. Original number 1373.

Pycnonotus goiavier jambu Deignan

Bull. Brit. Orn. Club 75 (9) : 130, Dec. 1, 1955.

278436. Adult male. Ban Maha Chai [lat. 13°30′ N., long. 100°15′ E.], Province of Samut Sakhon, Thailand. October 23, 1916. Collected by Cecil Boden Kloss.

Pycnonotus goiavier suluensis Mearns

Proc. U.S. Nat. Mus. 36: 470, May 27, 1909.

211475. Adult male. Joló, Joló Island, Sulu Archipelago, Philippine Islands. March 7, 1908. Collected by Paul Bartsch. *Albatross* Philippine Expedition.

Pycnonotus plumosus porphyreus Oberholser

Smithsonian Misc. Coll. 60 (7) : 11, Oct. 26, 1912.

180019. Adult male. North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. November 23, 1902. Collected by William L. Abbott.

Pycnonotus plumosus chiroplethis Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 41, June 30, 1917.

170941. Adult male. Pulau Siantan, Anamba Islands, South China Sea. August 24, 1899. Collected by William L. Abbott.

Pycnonotus brunneus zapolius Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 45, June 30, 1917.

170942. Adult male. Pulau Siantan, Anamba Islands, South China Sea. September 5, 1899. Collected by William L. Abbott.

Pycnonotus brunneus zaphaeus Oberholser
Proc. U.S. Nat. Mus. 54: 194, Nov. 2, 1917.
=*Pycnonotus brunneus brunneus* Blyth. See Chasen, Handlist of Malaysian birds, p. 201, 1935.
181543. Adult male. Pulau Mata Siri (lat. 4°48′ S., long. 115°48′ E.), Laurot Islands, eastern Java Sea. December 11, 1907. Collected by William L. Abbott.

Pycnonotus olivaceus chlocodis Oberholser
Smithsonian Misc. Coll. 60 (7) : 11, Oct. 26, 1912.
=*Pycnonotus simplex simplex* Lesson. See Chasen, Handlist of Malaysian birds, p. 201, 1935.
179343. Adult male. Tapanuli (about lat. 1°39′ N., long. 98°45′ E.), northwestern Sumatra. February 16, 1902. Collected by William L. Abbott.

Pycnonotus simplex halizonus Oberholser
U.S. Nat. Mus. Bull. 98: 5 (in checklist), 43, June 30, 1917.
171080. Adult female. Pulau Jimaja, Anamba Islands, South China Sea. September 22, 1899. Collected by William L. Abbott.

Pycnonotus simplex axanthizus Oberholser
U.S. Nat. Mus. Bull. 159: 6 (in checklist), 78, 1932.
=*Pycnonotus simplex halizonus* Oberholser. See Chasen, Handlist of Malaysian birds, p. 201, 1935.
174754. Adult male. Pulau Bunguran (Great Natuna Island), northern Natuna Islands, South China Sea. July 13, 1900. Collected by William L. Abbott.

Pycnonotus simplex oblitus Deignan
Journ. Washington Acad. Sci. 44 (4) : 124, May 3, 1954.
174759. Adult male. Pulau Serasan (lat. 2°31′ N., long. 109°02′ E.), southern Natuna Islands, South China Sea. June 3, 1900. Collected by William L. Abbott.

Pycnonotus erythropthalmos isus Oberholser
Smithsonian Misc. Coll. 60 (7) : 10, Oct. 26, 1912.
=*Pycnonotus erythropthalmos erythropthalmos* (Hume). See Ripley, Bull. Mus. Comp. Zool. 94: 388, 389, 1944.
179341. Adult male. Pulau Tuangku, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. January 25, 1902. Collected by William L. Abbott.

Pycnonotus erythropthalmos pammicrus Oberholser
Smithsonian Misc. Coll. 60 (7) : 11, Oct. 26, 1912.
=*Pycnonotus erythropthalmos erythropthalmos* (Hume). See Ripley, Bull. Mus. Comp. Zool. 94: 388, 389, 1944.
180939. Adult female. Mojeia River, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. March 15, 1905. Collected by William L. Abbott.

Pycnonotus erythropthalmos cyanochrus Oberholser

Smithsonian Misc. Coll. 60 (7) : 10, Oct. 26, 1912.

=*Pycnonotus erythropthalmos erythropthalmos* (Hume). See Ripley, Bull. Mus. Comp. Zool. 94: 388, 389, 1944.

181127. Adult male. Salat Rupat=Rupat Strait (about lat. 1°42′ N., long. 101°27′ E.), eastern Sumatra. February 27, 1906. Collected by William L. Abbott.

Andropadus fricki Mearns

Smithsonian Misc. Coll. 61 (25) : 4, Feb. 16, 1914.

=*Pycnonotus insularis fricki* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 121, 1937; Delacour, Zoologica, New York 28: 23, 1943.

244778. Adult male. Northern base of Ndoto Mountain (between Lake Rudolf and Archer's Post), Northern Frontier District, Kenya Colony. July 20, 1912. Collected by Edgar A. Mearns. Original number 23110. Childs Frick Expedition to Ethiopia and Kenya Colony.

Andropadus fricki kitungensis Mearns

Smithsonian Misc. Coll. 61 (25) : 4, Feb. 16, 1914.

=*Pycnonotus insularis kitungensis* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 121, 122, 1937; Delacour, Zoologica, New York 28: 23, 1943.

213539. Adult male. "Sir Alfred Pease's Farm" (at elev. 7,000 feet), near Katanga, Machakos District, Central Province, Kenya Colony. May 8, 1909. Collected by Edgar A. Mearns. Original number 15711. Smithsonian African Expedition.

Stelgidocichla latirostris pallida Mearns

Smithsonian Misc. Coll. 61 (25) : 5, Feb. 16, 1914.

Pycnonotus latirostris williamsi Deignan

Auk 69(4) : 465, Nov. 25, 1952.

=*Pycnonotus latirostris williamsi* Deignan.

217670. Adult male. Mount Gargues (at elev. 7,100 feet), Northern Frontier District, Kenya Colony. Aug. 25, 1911. Collected by Edmund Heller. Original number 247. Rainey African Expedition (1911).

In the genus *Pycnonotus*, Mearns's name for this form is preoccupied by *Pycnonotus layardi pallidus* Roberts, 1912.

Stelgidocichla latirostris saturata Mearns

Smithsonian Misc. Coll. 61 (25) : 6, Feb. 16, 1914.

=*Pycnonotus latirostris saturatus* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153(2) : 122–123, 1937; Delacour, Zoologica, New York 28: 23, 1943.

215274. Adult male. "On the Honi River, south-west base of Mount Kenia," Central Province, Kenya Colony. September 17, 1909. Collected by Edgar A. Mearns. Original number 16841. Smithsonian African Expedition.

Genus CHLOROCICHLA Bowdler Sharpe

Chlorocichla flaviventris meruensis Mearns
Smithsonian Misc. Coll. 61 (25): 3, Feb. 16, 1914.
=*Chlorocichla flaviventris centralis* Reichenow. See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 120–121, 1937.
244777. Adult male. Meru Forest (on the northeastern slopes of Mount Kenya), Meru District, Central Province, Kenya Colony. August 10, 1912. Collected by Edgar A. Mearns. Original number 23546. Childs Frick Expedition to Ethiopia and Kenya Colony.

Genus PHYLLASTREPHUS Swainson

Phyllastrephus strepitans fricki Mearns
Smithsonsian Misc. Coll. 61 (25): 1, Feb. 16, 1914.
=*Phyllastrephus strepitans* (Reichenow). See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 115, 116, 1937.
244836. Adult male. "On the Tana River, below Camp No. 4," Central Province, Kenya Colony. August 17, 1912. Collected by Edgar A. Mearns. Original number 23716. Childs Frick Expedition to Ethiopia and Kenya Colony.

Phyllastrephus cerviniventris lönnbergi Mearns
Smithsonian Misc. Coll. 61 (25): 2, Feb. 16, 1914.
244837. Adult male. "On the Government Trail, Tharaka District" ("country on Upper Tana above falls," *fide* Jackson, Birds of Kenya Colony and the Uganda Protectorate 1: xxxviii, 1938), Central Province, Kenya Colony. August 12, 1912. Collected by Edgar A. Mearns. Original number 23569. Childs Frick Expedition to Ethiopia and Kenya Colony.

Phyllastrephus placidus keniensis Mearns
Smithsonian Misc. Coll. 61 (25): 2, Feb. 16, 1914.
=*Phyllastrephus fischeri placidus* (Shelley). See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 117–118, 1937.
215281. Adult male. Mount Kenya (at elev. 8,500 feet), Central Province, Kenya Colony. October 10, 1909. Collected by Edgar A. Mearns. Original number 17066. Smithsonian African Expedition.

Genus CRINIGER Temminck

Criniger pallidus isani Deignan
Smithsonian Misc. Coll. 134 (2): 4, Oct. 25, 1956.
459700. Adult male. Ban Muang Khai (lat. 17°30′ N., long. 101°20′ E.), Province of Loei, Thailand. January 14, 1955. Collected by Robert E. Elbel. Original number RE 4470. United States Operations Mission to Thailand.

Criniger pallidus khmerensis Deignan

Smithsonian Misc. Coll. 134 (2): 4, Oct. 25, 1956.

360999. Adult male. Banteai Srei (lat. 13°16′ N., long. 104°07′ E.), Province of Siem Reap, Cambodia. January 1940. Collected by Joseph F. C. Rock. Original number 1292 A.

Criniger ochraceus crinitus Deignan

Journ. Washington Acad. Sci. 44 (4): 125, May 3, 1954.

=*Criniger ochraceus ochraceus* Moore. See Deignan, Smithsonian Misc. Coll. 134 (2): 5, 1956.

450785. Adult (sex not indicated). Ban Hin Laem (lat. 14°40′ N., long. 98°40′ E.), Province of Kanchanaburi, Thailand. November 17, 1952. Collected by Herbert G. Deignan. Original number 194.

Criniger sordidus Richmond

Proc. U.S. Nat. Mus. 22: 320, May 12, 1900.

=*Criniger ochraceus sordidus* Richmond. See Deignan, Smithsonian Misc. Coll. 134 (2): 6, 1956.

169893. Adult male. Khao Soi Dao (lat. 7°20′ N., long. 99°50′ E.), Province of Trang, Thailand. February 14, 1899. Collected by William L. Abbott.

Genus HYPSIPETES Vigors

Microscelis charlottae lekhakuni Deignan

Journ. Washington Acad. Sci. 44 (4): 125, May 3, 1954.

=*Hypsipetes propinquus lekhakuni* (Deignan), *fide* Deignan (MS.).

450792. Adult female. Ban Hin Laem (lat. 14°40′ N., long. 98°40′ E.), Kanchanaburi Province, Thailand. November 16, 1952. Collected by Herbert G. Deignan. Original number 180.

Microscelis charlottae simulator Deignan

Proc. Biol. Soc. Washington 61 (1): 5, Mar. 4, 1948.

=*Hypsipetes propinquus simulator* (Deignan), *fide* Deignan (MS.).

330453. Adult female. Ban Hup Bon (lat. 13°05′ N., long. 101°05′ E.), Chon Buri (not Rayong) Province, Thailand. Nov. 3, 1931. Collected by Hugh McC. Smith. Original number 5106.

Microscelis charlottae innectens Deignan

Proc. Biol. Soc. Washington 61 (1): 6, Mar. 4, 1948.

=*Hypsipetes propinquus innectens* (Deignan), *fide* Deignan (MS.).

332438. Adult (sex not indicated). Trang Bom (lat. 10°56′ N., long. 107°00′ E.), Bien Hoa Province, Cochinchine. August 7, 1932. Collected by A. Poilane. Original number 38.

Iole olivacea crypta Oberholser

Proc. Biol. Soc. Washington 31 (46): 197, Dec. 30, 1918.

=*Hypsipetes charlottae cryptus* (Oberholser), *fide* Deignan (MS.).

171079. Adult male. Pulau Jemaja (lat. 2°55′ N., long. 105°45′ E.), Anamba Islands, South China Sea. September 22, 1899. Collected by William L. Abbott.

Iole olivacea perplexa Riley

Journ. Washington Acad. Sci. 29 (1) : 40, Jan. 15, 1939.

=*Hypsipetes charlottae perplexus* (Riley), *fide* Deignan (MS.).

182491. Immature (not adult) female. Labuan Kelambu (lat. 1°15′ N., long. 118°39′ E.), Berau District, Samarinda Division, Borneo. June 28, 1913. Collected by Harry C. Raven. Original number 909.

Microscelis ictericus guglielmi Ripley

Spolia Zeylanica 24 (3) : 230, Nov. 8, 1946.

=*Hypsipetes indicus guglielmi* (Ripley), *fide* Deignan (MS.).

377361. Adult male. Depedene Estate, near Rakwana, Sabaragamuwa Province, Ceylon. September 29, 1944. Collected by S. Dillon Ripley. Original number 311.

Criniger simplex Wallace

Ibis 4 (16) : 350, October 1862.

=*Hypsipetes affinis chloris* (Finsch), *fide* Deignan (MS.).

95686. Adult (sex not indicated). Gilolo Island=Halmahera Island, Molucca Islands, Indonesia. 1861. Collected by — Allen, for Alfred R. Wallace. Received from the British Museum (Natural History), London.

Wallace based this form upon a series of unknown length from the islands of Batjan, Halmahera, and Morotai. While Bowdler Sharpe (Catalogue of the birds in the British Museum 6: 85, 1882) has designated a skin from Halmahera in London as the type, his action has merely restricted the type locality, and our No. 95686 has as strong a claim to typeship as any other of the four Halmahera specimens listed by Sharpe.

Iole cinereiceps Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1) : 25, Dec. 8, 1894.

=*Hypsipetes siquijorensis cinereiceps* (Bourns and Worcester), *fide* Deignan (MS.).

316153. Adult male. Romblón Island, Philippine Islands. September 5, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2178 of the Menage Collection.

316154. Adult female. Romblón Island, Philippine Islands. September 10, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2194 of the Menage Collection.

Although this name was based upon a series of at least 19 males and four females (of which three from Tablas and 16 from Romblón are now in the collection of the U.S. National Museum), I gladly avail myself of the fact that the two specimens listed above have the word "TYPE" written upon the labels, presumably by one of the authors.

Iole monticola Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1(1): 25, Dec. 8, 1894.

=*Hypsipetes siquijorensis monticola* (Bourns and Worcester), *fide* Deignan (MS.).

315435. Adult male. Toledo, Cebú Island, Philippine Islands. June 10, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2217 of the Menage Collection.

315436. Adult male. Toledo, Cebú Island, Philippine Islands. June 10, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2216 of the Menage Collection.

316151. Adult male. Toledo, Cebú Island, Philippine Islands. June 14, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2218 of the Menage Collection.

This name was bestowed upon a series of at least four males and at least four females, but the description was based upon the "Adult male." Since the females are referred to only by measurements, I prefer to consider our No. 316152 a mere paratype, despite the fact that one of the authors has written the word "TYPE" upon its label.

Hypsipetes amaurotis hensoni Stejneger

Proc. U.S. Nat. Mus. 15: 347, Aug. 2, 1892.

96280. Adult male. Hakodate, Hokkaido Island, Japan. Feb. 12, 1877. Collected by Thomas W. Blakiston. Original number 2154.

Hypsipetes batanensis Mearns

Philippine Journ. Sci. 2(5) sec. A: 357, October 1907.

=*Hypsipetes amaurotis batanensis* Mearns, *fide* Deignan (MS.)

202092. Adult male. Santo Domingo de Basco (in the foothills of Mount Irada), Batán Island, Philippine Islands. May 27, 1907. Collected by Edgar A. Mearns. Original number 23. Received from Edgar A. Mearns (in whose private collection it was No. 15199).

The specimen here listed is the type of Mearns's description only; the types of McGregor's homonym (*loc. cit.*, p. 342) were 18 birds in the collection of the Philippine Bureau of Science.

According to Mearns' original description, his *Hypsipetes batanensis* is "exactly like topotypes of *Hypsipetes fugensis* Grant, but larger, and with the forehead rufescent instead of cinereous." The words "rufescent" and "cinereous" should be reversed!

Ixos mcclellandii loquax Deignan

Smithsonian Misc. Coll. 99 (18): 2, Dec. 11, 1940.

=*Hypsipetes mcclellandii loquax* (Deignan), *fide* Deignan (MS.).

350105. Adult female. Doi Phu Kha (lat. 19°05′ N., long. 101°05′ E.), at elev. 4,500 feet, Nan Province, Thailand. Apr. 14, 1936. Collected by Herbert G. Deignan. Original number 1168.

Ixos canesccns [*sic*] Riley

Proc. Biol. Soc. Washington 46 (32) : 155, Oct. 26, 1933.

=*Hypsipetes mcclellandii canescens* (Riley), *fide* Deignan (MS.).

324490. Adult male. Khao Kuap (lat. 12°25′ N., long. 102°50′ E.), Trat Province, Thailand. Dec. 24, 1929. Collected by Hugh McC. Smith. Original number 3560.

Microscelis flavala remotum Deignan

Proc. Biol. Soc. Washington 70 (8) : 4, June 28, 1957.

=*Hypsipetes flavala remotus* (Deignan), *fide* Deignan (MS.).

360982. Adult female. Lang Bian Peaks (lat. 12°02′ N., long. 108°26′ E.), Haut-Donaï Province, Annam. December 1939. Collected by Joseph F. C. Rock. Original number 1133.

Hypsipetes nigerrima [*sic*] Gould

Proc. Zool. Soc. London, for 1862 (3) : 282, February 1863.

=*Hypsipetes madagascariensis nigerrimus* Gould, *fide* Deignan (MS.).

37707. Adult (sex not indicated). Northern Formosa. April 1862. Collected by Robert Swinhoe. Received from Henry B. Tristram, of whose private collection it once formed part.

37737. Adult (sex not indicated). Same data as No. 37707.

Other cotypes of this form are the three skins listed in "Catalogue of the Birds in the British Museum" (6: 41, 1882) and at least one of those listed in "Catalogue of a Collection of Birds belonging to H. B. Tristram . . ." (p. 176, 1889).

Microscelis psaroides impar Riley

Proc. Biol. Soc. Washington 53 (27) : 133, Nov. 8, 1940.

=*Hypsipetes madagascariensis concolor* Blyth, *fide* Deignan (MS.).

360989. Adult male. Near Dalat (lat. 11°55′ N., long. 108°26′ E.), Phanrang Province, Annam. October 1939. Collected by Joseph F. C. Rock. Original number 833.

Ixocincla madagascariensis rostrata Ridgway

Proc. U.S. Nat. Mus. 16: 597, Aug. 16, 1893 (advance sheets).

=*Hypsipetes madagascariensis rostratus* (Ridgway), *fide* Deignan (MS.).

128658. Adult male. Aldabra Island, Aldabra Islands, western Indian Ocean north of Madagascar. Oct. 2, 1892. Collected by William L. Abbott.

Ixocincla madagascariensis grotei Friedmann

Proc. Biol. Soc. Washington 42 (26) : 216, Dec. 4, 1929.

=*Hypsipetes madagascariensis grotei* (Friedmann), *fide* Deignan (MS.).

128664. Adult male. Gloriosa Island, Gloriosa Islands, western Indian Ocean north of Madagascar. Jan. 26, 1893. Collected by William L. Abbott.

Family TIMALIIDAE: Babbling Thrushes

Genus PELLORNEUM Swainson

Pellorneum nipalense Bowdler Sharpe

Catalogue of the birds in the British Museum 7: 518, 1883.

=*Pellorneum ruficeps mandellii* Blanford. See Deignan, Smithsonian Misc. Coll. 107 (14): 6, 1947.

98137. Adult (sex not indicated). Nepal. Collected by Brian H. Hodgson. Original number 377. Received from the British Museum (Natural History).

Bowdler Sharpe's name was based upon a series of twelve specimens, among which were representatives of what are now conceived to be two or three different races. The possible cotypes of *nipalense,* in its restricted sense, are the seven listed from Nepal (of which this is one), the two from the Darjeeling District, and the one from the Duars of Bhutan.

Pellorneum ruficeps stageri Deignan

Smithsonian Misc. Coll. 107 (14): 8, Oct. 20, 1947.

377762. Adult male. N'Pon Village (on the left bank of the Irrawaddy River, 15 miles north of Myitkyina), Myitkyina District, Kachin State, Burma. May 17, 1945. Collected by Kenneth E. Stager. Original number B–176. Received from the United States of America Typhus Commission.

Pellorneum ruficeps indistinctum Deignan

Smithsonian Misc. Coll. 107 (14): 16, Oct. 20, 1947.

336635. Adult male. Chiang Saen Kao (lat. 20°15′ N., long. 100°05′ E.), Province of Chiang Rai, northernmost Siam. Jan. 12, 1937. Collected by Herbert G. Deignan. Original number 2188.

Pellorneum ruficeps chthonium Deignan

Smithsonian Misc. Coll. 107 (14): 14, Oct. 20, 1947.

336631. Adult female. Doi Suthep (lat. 18°50′ N., long. 98°55′ E.), at elev. 2,900 feet, Province of Chiang Mai, northwestern Siam. Nov. 21, 1936. Collected by Herbert G. Deignan. Original number 1932.

Pellorneum ruficeps insularum Deignan

Smithsonian Misc. Coll. 107 (14): 12, Oct. 20, 1947.

180408. Adult female. Domel Island (lat. 11°37′ N., long. 98°16′ E.), Mergui Archipelago, Mergui District, Tenasserim Division, Burma. Jan. 25, 1904. Collected by William L. Abbott.

Pellorneum ruficeps acrum Deignan

Smithsonian Misc. Coll. 107 (14): 13, Oct. 20, 1947.

330563. Adult male. Yala (lat. 6°30′ N., long. 101°15′ E.), Province of Yala, peninsular Siam. Jan. 30, 1931. Collected by Hugh McC. Smith. Original number 4512.

Pellorneum ruficeps elbeli Deignan

Proc. Biol. Soc. Washington 69(36) : 208, Dec. 31, 1956.

459792. Adult male. Ban Na Muang, near Muang Daen Sai (lat. 17°15′ N., long. 101°05′ E.), Loei Province, Thailand. Oct. 7, 1954. Collected by Robert E. Elbel. Original number RE 4110. U.S. Operations Mission to Thailand.

Pellorneum ruficeps euroum Deignan

Smithsonian Misc. Coll. 107 (14) : 19, Oct. 20, 1947.

337119. Adult male. Chanthaburi (lat. 12°35′ N., long. 102°05′ E.), Chanthaburi Province, Thailand. Apr. 19, 1937. Collected by Herbert G. Deignan. Original number 2527.

Pellorneum smithi Riley

Proc. Biol. Soc. Washington 37 (22) : 129, Oct. 21, 1924.

=*Pellorneum ruficeps smithi* Riley. See Deignan, Smithsonian Misc. Coll. 107 (14) : 19–20, 1947.

277379. Adult female. Ko Chang (lat. 12°00′ N., long. 102°30′ E.), Trat Province, Thailand. Apr. 4, 1924. Collected by Hugh McC. Smith.

Pellorneum ruficeps dilloni Delacour

L'Oiseau et la Revue française d'Ornithologie 21 (2) : 90, 1951.

278486. Adult female. Trang Bom (lat. 10°56′ N., long. 107°00′ E.), Province of Bien Hoa, Cochin-China. May 31, 1918. Collected by Cecil Boden Kloss.

Pellorneum ruficeps deignani Delacour

L'Oiseau et la Revue française d'Ornithologie 21 (2) : 89, 1951.

278485. Adult male. Da Ban (lat. 12°38′ N., long. 109°06′ E.), Province of Phanrang, southern Annam. Mar. 23, 1918. Collected by Cecil Boden Kloss.

Pellorneum fuscocapillum scortillum Ripley

Spolia Zeylanica 24 (3) : 226, Nov. 8, 1946.

377350. Adult male. Depedene Estate, near Rakwana, Sabaragamuwa Province, Ceylon. Sept. 29, 1944. Collected by S. Dillon Ripley. Original number 306.

Drymocataphus nigrocapitatus nyctilampis Oberholser

Smithsonian Misc. Coll. 74 (2) : 10, Sept. 27, 1922.

=*Pellorneum capistratum nyctilampis* (Oberholser), *fide* Deignan (MS.).

180572. Adult male? Bukit Parmasang (lat. 2°35′ S., long. 105°57′ E.), Bangka Island (east of Sumatra). June 15, 1904. Collected by William L. Abbott.

Drymocataphus albiventer vicinus Riley

Proc. Biol. Soc. Washington 53: 132, Nov. 8, 1940.

=*Pellorneum albiventre cinnamomeum* (Rippon), *fide* Deignan (MS.).

360926. Adult male. Fimnon, Province of Phanrang, southern Annam. November 1939. Collected by Joseph F. C. Rock. Original number 1057.

Genus LEONARDINA Mearns

Leonardia woodi Mearns
Proc. Biol. Soc. Washington 18: 2, Jan. 20, 1905.
=*Leonardina woodi* (Mearns), *fide* Deignan (MS.).
192260. Adult male. Todaya (elev. 4,000 feet), Mount Apo, Province of Dávao, Mindanao Island, Philippine Islands. July 11, 1904. Collected by Edgar A. Mearns. Original number 13689.

Genus TRICHASTOMA Blyth

Anuropsis malaccensis driophila Oberholser
Smithsonian Misc. Coll. 74 (2) : 9, Sept. 27, 1902.
=*Trichastoma malaccense malaccense* (Hartlaub), *fide* Deignan (MS.).
169877. Adult male. Khao Soi Dao (lat. 7°20′ N., long. 99°50′ E.), Province of Trang, Thailand. Feb. 19, 1899. Collected by William L. Abbott.

Anuropsis malaccensis drymodrama Oberholser
Smithsonian Misc. Coll. 74 (2) : 9, Sept. 27, 1922.
=*Trichastoma malaccense malaccense* (Hartlaub), *fide* Deignan (MS.).
181304. Adult male. Sungei Mandau (a stream entering the Sungei Siak from the north at about lat. 0°46′ N., long. 101°46′ E.), Sumatra. Nov. 29, 1906. Collected by William L. Abbott.

Anuropsis malaccensis exsanguis Oberholser
Smithsonian Misc. Coll. 60 (7) : 8, Oct. 26, 1912.
=*Trichastoma malaccense malaccense* (Hartlaub), *fide* Deignan (MS.).
179355. Adult male. Pulau Tuangku, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 24, 1902. Collected by William L. Abbott.

Anuropsis malaccensis nesitis Oberholser
Smithsonian Misc. Coll. 60 (7) : 8, Oct. 26, 1912.
=*Trichastoma malaccense malaccense* (Hartlaub), *fide* Deignan (MS.).
179966. Adult male. Pulau Tana Massa, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 20, 1903. Collected by William L. Abbott.

Anuropsis malaccensis docima Oberholser
Smithsonian Misc. Coll. 74 (2) : 10, Sept. 27, 1922.
=*Trichastoma malaccense saturatum* (Robinson and Boden Kloss), *fide* Deignan (MS.).
180584. Adult female. Tanjong Tedong (lat. 2°22′ S., long. 105°48′ E.), Bangka Island (east of Sumatra). June 1, 1904. Collected by William L. Abbott.

Aethostoma rostrata [*sic*] **paganica** [*sic*] Oberholser
Smithsonian Misc. Coll. 74 (2) : 12, Sept. 27, 1922.
=*Trichastoma rostratum rostratum* Blyth, *fide* Deignan (MS.).

181308. Adult male. Upper Sungei Siak (probably at about lat. 0°46′ N., long. 101°46′ E.), Sumatra. Nov. 21, 1906. Collected by William L. Abbott.

Aethostoma rostrata [*sic*] **aethalea** [*sic*] Oberholser

Smithsonian Misc. Coll. 74 (2) : 12, Sept. 27, 1922.

=*Trichastoma rostratum rostratum* Blyth, *fide* Deignan (MS.).

180268. Adult male. Pulau Karimon Anak (lat. 1°03′ N., long. 103°22′ E.), Riouw Archipelago, Straits of Malacca. June 3, 1903. Collected by William L. Abbott.

Erythrocichla bicolor bankana Riley

Proc. Biol. Soc. Washington 51 : 96, May 19, 1938.

=*Trichastoma bicolor* (Lesson), *fide* Deignan (MS.).

180585. Adult male. Klabat Bay (about lat. 1°35′ S., long. 105°40′ E.), Bangka Island (east of Sumatra). June 23, 1904. Collected by William L. Abbott.

Aethostoma celebense connectens Mayr

Orn. Monatsb. 46 (5) : 157, Sept. 30, 1938.

=*Trichastoma celebense connectens* (Mayr), *fide* Deignan (MS.).

251969. Adult male. Pinedapa, a short distance inland from Mapane (lat. 1°26′ S., long. 120°40′ E.), central Celebes. Jan. 22, 1918. Collected by Harry C. Raven. Original number 4947.

Elocincla aenigma Riley

Journ. Washington Acad. Sci. 29 (1) : 39, Jan. 15, 1939.

=*Trichastoma sepiarium perspicillatum* (Bonaparte), *fide* Deignan (MS.).

181562. Adult male. Klumpang Bay (about lat. 3°00′ S., long. 116°10′ E.), southeastern Borneo. Mar. 5, 1908. Collected by William L. Abbott.

Malacocincla abbotti williamsoni Deignan

Journ. Washington Acad. Sci. 38 (5) : 185, May 20, 1948.

=*Trichastoma abbotti williamsoni* (Deignan), *fide* Deignan (MS.).

324357. Adult male. Sathani Pak Chong (lat. 14°40′ N., long. 101°25′ E.), Province of Nakhon Ratchasima, Thailand. Nov. 16, 1929. Collected by Hugh McC. Smith. Original number 3457.

Malacocincla abbotti obscurior Deignan

Journ. Washington Acad. Sci. 38 (5) : 185, May 20, 1948.

=*Trichastoma abbotti obscurius* (Deignan), *fide* Deignan (MS.).

333912. Adult male. Khao Sa Bap (lat. 12°35′ N., long. 102°15′ E.), Province of Chanthaburi, Thailand. Oct. 25, 1933. Collected by Hugh McC. Smith. Original number 6545.

Malacocincla abbotti rufescentior Deignan

Journ. Washington Acad. Sci. 38 (5) : 184, May 20, 1948.

=*Trichastoma abbotti abbotti* (Blyth), *fide* Deignan (MS.).

330572. Adult female. Ban Tha Lo (about 9°05′ N., long. 99°15′ E.), Province of Surat Thani, Thailand. Sept. 20, 1931. Collected by Hugh McC. Smith. Original number 4982.

Malacocincla abbotti eritora Oberholser

Smithsonian Misc. Coll. 74 (2) : 11, Sept. 27, 1922.

=*Trichastoma abbotti eritorum* (Oberholser), *fide* Deignan (MS.).

180586. Adult male. Telok Buding (lat. 2°38′ S., long. 108°20′ E.), Billiton Island (between Sumatra and Borneo). Aug. 6, 1904. Collected by William L. Abbott.

Malacocincla abbotti baweana Oberholser

Proc. U.S. Nat. Mus. 52: 194, Feb. 8, 1917.

=*Trichastoma abbotti baweanum* (Oberholser), *fide* Deignan (MS.).

181560. Adult male. Bawean Island, Java Sea between Java and Borneo. Nov. 23, 1907. Collected by William L. Abbott.

Malacocincla abbotti sirensis Oberholser

Proc. U.S. Nat. Mus. 54: 195, Nov. 2, 1917.

=*Trichastoma abbotti sirense* (Oberholser), *fide* Deignan (MS.).

181561. Adult male. Pulau Mata Siri (lat. 4°48′ S., long. 115°48′ E.), Laurot Islands, eastern Java Sea. Dec. 11, 1907. Collected by William L. Abbott.

Genus MALACOPTERON Eyton

Malacornis cinerea niasensis Riley

Proc. Biol. Soc. Washington 50: 61, Apr. 21, 1937.

=*Malacopteron cinereum niasense* (Riley). See Ripley, Bull. Mus. Comp. Zool. 94: 381, 1944.

180938. Adult male. Mojeia River, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 10, 1905. Collected by William L. Abbott.

Malacopteron notatum Richmond

Proc. Biol. Soc. Washington 15: 190, Aug. 6, 1902.

=*Malacopteron affine notatum* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 381–382, 1944.

179346. Adult male. Pulau Bangkaru, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 17, 1902. Collected by William L. Abbott.

Malacopteron affine phoeniceum Deignan

Zoologica, New York 35 (2) : 127, Aug. 1, 1950.

182081. Adult male. Segah River (at about lat. 2°12′ N., long. 117°06′ E.), eastern Borneo. Nov. 5, 1912. Collected by Harry C. Raven. Original number 372.

Genus POMATORHINUS Horsfield

Pomatorhinus montanus salimalii Ripley

Proc. Biol. Soc. Washington 61 (18) : 101, June 16, 1948.

=*Pomatorhinus schisticeps salimalii* Ripley, *fide* Deignan (MS.).

390314. Adult male. Tezu (elev. 648 feet), Mishmi Hills Tribal District, Assam State, India. Jan. 13, 1947. Collected by S. Dillon Ripley.

Original number 400. Smithsonian Institution-Yale University Expedition.

Pomatorhinus schisticeps difficilis Deignan

Proc. Biol. Soc. Washington 69 (36) : 208, Dec. 31, 1956.

336655. Adult male. Doi Luang Chiang Dao (lat. 19°25′ N., long. 98°55′ E.), Chiang Mai Province, Thailand. Nov. 23, 1936. Collected by Herbert G. Deignan. Original number 2010.

Pomatorhinus ochraceiceps alius Riley

Proc. Biol. Soc. Washington 53 (11) : 47, Apr. 19, 1940.

359059. Adult (sex not indicated). Dran (elev. 3,000 feet), Phanrang Province, Annam. July 1939. Collected by Joseph F. C. Rock. Original number 574.

Pomatorhinus erythrogenys sowerbyi Deignan

Proc. Biol. Soc. Washington 65 (20) : 122, Aug. 5, 1952.

211874. Adult male. "12 miles south of Fushih [Yenan-fu]," northern Shensi Province, China. Jan. 8, 1909. Collected by Arthur de C. Sowerby.

Pomatorhinus erythrogenys stoneae Deignan

Proc. Biol. Soc. Washington 65(20) : 121, Aug. 5, 1952.

296714. Adult male. "In the mountains near Yangtza [about lat. 28°15′ N., long. 98°48′ E.]," Yunnan Province, China. November 1923. Collected by Joseph F. C. Rock. Original number 1441.

Pomatorhinus erythrogenys decarlei Deignan

Proc. Biol. Soc. Washington 65 (20) : 121, Aug. 5, 1952.

312267. Adult male. Nguluko (a settlement at elev. 10,000 feet in the mountains just north of Likiang), northwestern Yunnan Province, China. January–February 1929. Collected by Joseph F. C. Rock. Original number 935.

Pomatorhinus erythrogenys celatus Deignan

Zoologica, New York 26 (3) : 241, Oct. 31, 1941.

336873. Adult male. Doi Luang Chiang Dao (lat. 19°25′ N., long. 98°55′ E.), Chiang Mai Province, Thailand. Mar. 20, 1937. Collected by Herbert G. Deignan. Original number 2429.

Pomatorhinus erythrocnemis Gould

Proc. Zool. Soc. London, for 1862 (3) : 281, February 1863.

=*Pomatorhinus erythrogenys erythrocnemis* Gould. See Deignan, Proc. Biol. Soc. Washington 65 (20) : 124, 1952.

37711. Adult (sex not indicated). Northern Formosa. April 1862. Collected by Robert Swinhoe. Received from Henry B. Tristram, of whose private collection it once formed part.

Other cotypes of this form are at least one of the four skins listed by Bowdler Sharpe (Catalogue of the birds in the British Museum 7: 427, 1883), and the two listed by Tristram (Catalogue of a collection of birds belonging to H. B. Tristram . . ., p. 137, 1889).

Genus XIPHIRHYNCHUS Blyth

Xiphirhynchus superciliaris intextus Ripley

Proc. Biol. Soc. Washington 61: 105, June 16, 1948.

400920. Adult female. Dreyi (elev. 5,140 feet), Mishmi Hills, Sadiya Frontier Tract, Assam State, India. Jan. 6, 1947. Collected by S. Dillon Ripley. Original number 325. Smithsonian Institution-Yale University Expedition.

Genus PTILOCICHLA Bowdler Sharpe

Ptilocichla minuta Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 24, Dec. 8, 1894.

=*Ptilocichla basilanica minuta* Bourns and Worcester. See Hachisuka, The Birds of the Philippine Islands 2 (4): 404, 1935; Delacour and Mayr, Birds of the Philippines, pp. 187–188, 1946.

316168. Adult male. Catbalogan, Sámar Island, Philippine Islands. Aug. 11, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was part of the Menage Collection. (Number unknown.)

316169. Adult female. Catbalogan, Sámar Island, Philippine Islands. August 4, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2479 of the Menage Collection.

Genus NAPOTHERA G. R. Gray

Napothera crispifrons calcicola Deignan

Journ. Washington Acad. Sci. 29 (4): 177, Apr. 15, 1939.

332024. Adult male. Sathani Hin Lap (lat. 14°40′ N., long. 101°10′ E.), Sara Buri Province, Thailand. Dec. 8, 1931. Collected by Hugh McC. Smith. Original number 5208.

Corythocichla brevicaudata cognata Riley

Proc. Biol. Soc. Washington 46 (32): 156, Oct. 26, 1933.

=*Napothera brevicaudata griseigularis* (Delacour and Jabouille), *fide* Deignan (MS.).

324378. Adult male. Khao Sa Bap (lat. 12°35′ N., long. 102°15′ E.), Chanthaburi Province, Thailand. Jan. 7, 1930. Collected by Hugh McC. Smith. Original number 3625.

Turdinulus granti Richmond

Proc. U.S. Nat. Mus. 22 (1201): 320, May 12, 1900.

=*Napothera epilepidota granti* (Richmond). See Chasen, Handlist of Malaysian birds, p. 218, 1935.

169874. Adult male. Khao Soi Dao (lat. 7°20′ N., long. 99°50′ E.), Trang Province, Thailand. Feb. 11, 1899. Collected by William L. Abbott.

Genus SPELAEORNIS Bowdler Sharpe

Spelaeornis badeigularis Ripley
Proc. Biol. Soc. Washington 61 (18): 103, June 16, 1948.
390335 (not 390355). Adult female. Dreyi (elev. 5,140 feet), Mishmi Hills Tribal District, Assam State, India. Jan. 5, 1947. Collected by S. Dillon Ripley. Original number 281. Smithsonian Institution-Yale University Expedition.

Spelaeornis rocki Riley
Proc. Biol. Soc. Washington 42 (25): 214, Oct. 17, 1929.
=*Spelaeornis troglodytoides rocki* Riley. See Ripley, Auk 67: 390, 1950.
296784. Adult female. Mountains of Hofuping, Mekong Valley, northwestern Yunnan Province, China. November 1923. Collected by Joseph F. C. Rock. Original number 1304.

Genus STACHYRIS Blyth

Stachyris rodolphei Deignan
Publ. Field Mus. Nat. Hist. (zool. ser.) 24 (10): 110, Sept. 19, 1939.
336891. Adult male. Doi Chiang Dao (lat. 19°25′ N., long. 98°55′ E.), at elev. 3,525 feet, Chiang Mai Province, northwestern Siam. Mar. 21, 1937. Collected by Herbert G. Deignan. Original number 2433.

Stachyridopsis ruficeps paganus Riley
Proc. Biol. Soc. Washington 53: 132, Nov. 8, 1940.
=*Stachyris ruficeps paganus* (Riley), *fide* Deignan (MS.).
360911. Adult male. Fimnon, Province of Phanrang, southern Annam. November 1939. Collected by Joseph F. C. Rock. Original number 1042.

Stachyris chrysops Richmond
Proc. Biol. Soc. Washington 15: 157, June 25, 1902.
=*Stachyris chrysaea chrysops* Richmond. See Chasen, Handlist of Malaysian birds, p. 223, 1935.
160566. Adult male. Khao Nam Pliu (lat. 7°35′ N., long. 99°50′ E.), at elev. 3,000 feet, peninsular Siam. Feb. 22, 1897. Collected by William L. Abbott.

Stachyris nigriceps dipora Oberholser
Smithsonian Misc. Coll. 74 (2): 7, Sept. 27, 1922.
169865. Adult male. Khao Soi Dao (lat. 7°20′ N., long. 99°50′ E.), at elev. 2,000 feet, Province of Trang, peninsular Siam. Feb. 2, 1899. Collected by William L. Abbott.

Stachyris striolata nigrescentior Deignan
Journ. Washington Acad. Sci. 37 (3): 104, Mar. 15, 1947.
169854. Adult male. Khao Nok Ra (lat. 7°25′ N., long. 99°55′ E.), at elev. 2,000 feet, Province of Trang, peninsular Siam. Jan. 15, 1899. Collected by William L. Abbott.

Stachyris banjakensis Richmond

Proc. Biol. Soc. Washington 15: 190, Aug. 6, 1902.

=*Stachyris maculata banjakensis* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 383, 1944.

179344. Adult male. Pulau Tuangku, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 24, 1902. Collected by William L. Abbott.

Stachyris maculata hypopyrrha Oberholser

Smithsonian Misc. Coll. 60 (7) : 9, Oct. 26, 1912.

179976. Adult male. Pulau Pini, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 6, 1903. Collected by William L. Abbott.

Cyanoderma fulviventris [*sic*] Richmond

Proc. U.S. Nat. Mus. 26: 507, Feb. 4, 1903.

=*Stachyris erythroptera fulviventris* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 383, 1944; Delacour, Zoologica, New York 31: 4, 1946.

179359. Adult male. Pulau Tuangku, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 1, 1902. Collected by William L. Abbott.

Cyanoderma erythropterum pellum Oberholser

Smithsonian Misc. Coll. 60 (7) : 9, Oct. 26, 1912.

=*Stachyris erythroptera erythroptera* (Blyth). See Ripley, Bull. Mus. Comp. Zool. 94: 384, 1944; Delacour, Zoologica, New York 31: 4, 1946.

179971. Adult male. Pulau Tana Massa, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 20, 1903. Collected by William L. Abbott.

Cyanoderma erythroptera [*sic*] **neocara** [*sic*] Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 66, 1932.

=*Stachyris erythroptera erythroptera* (Blyth). See Chasen, Handlist of Malaysian birds, p. 223, 1935; Delacour, Zoologica, New York 31: 4, 1946.

174799. Adult male. Bunguran (Great Natuna) Island, northern Natuna Islands, South China Sea. July 20, 1900. Collected by William L. Abbott.

Cyanoderma erythroptera [*sic*] **eripella** [*sic*] Oberholser

Smithsonian Misc. Coll. 74 (2) : 7, Sept. 27, 1922.

=*Stachyris erythroptera pyrrophaea* (Hartlaub). See Chasen, Handlist of Malaysian Birds, p. 223, 1935; Delacour, Zoologica, New York 31: 4, 1946.

181301. Adult male. Upper Sungei Siak (probably at about lat. 0°46′ N., long. 101°46′ E.), Sumatra. Nov. 23, 1906. Collected by William L. Abbott.

Cyanoderma erythroptera [*sic*] **apega** [*sic*] Oberholser
Smithsonian Misc. Coll. 74 (2): 8, Sept. 27, 1922.
=*Stachyris erythroptera apega* (Oberholser). See Chasen, Handlist of Malaysian Birds, p. 224, 1935; Delacour, Zoologica, New York 31: 4, 1946.
180588. Adult male. Tanjong Tedong (lat. 2°22′ S., long. 105°48′ E.), Bangka Island (east of Sumatra). June 3, 1904. Collected by William L. Abbott.

Genus MACRONOUS Jardine and Selby

Macronus gularis saraburiensis Deignan
Proc. Biol. Soc. Washington 69: 209, Dec. 31, 1956.
=*Macronous gularis saraburiensis* Deignan, *fide* Deignan (MS.).
332019. Adult male. Sathani Hin Lap (lat. 14°40′ N., long. 101°10′ E.), Province of Sara Buri, Thailand. December 6, 1931. Collected by Hugh McC. Smith. Original number 5200.

Mixornis gularis versuricola Oberholser
Smithsonian Misc. Coll. 74 (2): 5, Sept. 27, 1922.
=*Macronous gularis versuricola* (Oberholser), *fide* Deignan (MS.).
278480. Adult male. Da Ban (lat. 12°38′ N., long. 109°06′ E.), Province of Phanrang, Annam. Mar. 22, 1918. Collected by Cecil Boden Kloss.

Mixornis gularis inveterata Oberholser
Smithsonian Misc. Coll. 74 (2): 5, Sept. 27, 1922.
=*Macronous gularis inveteratus* (Oberholser), *fide* Deignan (MS.).
249030. Adult male. Ko Kut (lat. 11°40′ N., long. 102°35′ E.), Province of Trat, Thailand. Dec. 25, 1914. Collected by Cecil Boden Kloss.

Mixornis gularis archipelagica Oberholser
Smithsonian Misc. Coll. 74 (2): 4, Sept. 27, 1922.
=*Macronous gularis archipelagicus* (Oberholser), *fide* Deignan (MS.).
173211. Adult male. Domel Island (lat. 11°37′ N., long. 98°16′ E.), Mergui Archipelago, Mergui District, Tenasserim Division, Burma. Feb. 27, 1900. Collected by William L. Abbott.

Mixornis gularis chersonesophila Oberholser
Smithsonian Misc. Coll. 74 (2): 3, Sept. 27, 1922.
=*Macronous gularis chersonesophilus* (Oberholser), *fide* Deignan (MS.).
160543. Adult male. Province of Trang (about lat. 7°–8° N.), Thailand. Feb. 14, 1897. Collected by William L. Abbott.

Mixornis pileata zarhabdota Oberholser
Smithsonian Misc. Coll. 60 (7): 9, Oct. 26, 1912.
=*Macronous gularis gularis* (Horsfield), *fide* Deignan (MS.).
179357. Adult male. Pulau Bangkaru, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 19, 1902. Collected by William L. Abbott.

Mixornis pileata zaptera Oberholser

Smithsonian Misc. Coll. 60 (7) : 9, Oct. 26, 1912.

=*Macronous gularis gularis* (Horsfield), *fide* Deignan (MS.).

179981. Adult male. Pulau Tana Massa, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 17, 1903. Collected by William L. Abbott.

Mixornis pileata zophera Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 49, June 30, 1917.

=*Macronous gularis zopherus* (Oberholser), *fide* Deignan (MS.).

171062. Adult male. Pulau Telaga (lat. 3°04′ N., long. 106°00′ E.), Anamba Islands, South China Sea. Sept. 14, 1899. Collected by William L. Abbott.

Mixornis everetti Hartert

Nov. Zool. 1 (2) : 472, Apr. 16, 1894.

=*Macronous gularis everetti* (Hartert), *fide* Deignan (MS.).

153956. Adult male. Bunguran (Great Natuna) Island, northern Natuna Islands, South China Sea. Sept. 30, 1893. Collected by Alfred H. Everett. Received from the Rothschild Museum, Tring.

This specimen, marked on the label as a "Cotype," is in fact one of ten (eight males, two females). Hartert, long after No. 153956 had reached Washington (Nov. Zool. 27: 480, 1920), designated a male of October 14 as the type, but the latter, now in the American Museum of Natural History, is, of course, merely a lectotype. Since, at the original description, the only example specifically mentioned was collected on September 30, 1893, it is clear that the Washington bird has at least as strong a claim to typeship as any other.

Mixornis rubicapilla zaperissa Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 68, 1932.

=*Macronous gularis zaperissus* (Oberholser), *fide* Deignan (MS.).

174795. Adult male. Pulau Lingung=Pulau Lagong (lat. 3°37′ N., long. 108°07′ E.), northern Natuna Islands, South China Sea. June 14, 1900. Collected by William L. Abbott.

Mixornis bornensis ruficoma Oberholser

Smithsonian Misc. Coll. 74 (2) : 6, Sept. 27, 1922.

=*Macronous gularis ruficoma* (Oberholser), *fide* Deignan (MS.).

180591. Adult male. Tanjong Tedong (lat. 2°22′ S., long. 105°48′ E.), Bangka Island (east of Sumatra). June 4, 1904. Collected by William L. Abbott.

Mixornis bornensis pontia Oberholser

Smithsonian Misc. Coll. 74 (2) : 6, Sept. 27, 1922.

=?*Macronous gularis pontius* (Oberholser), *fide* Deignan (MS.).

181538. Adult female. Pulau Laut (lat. 3°35′ S., long. 116°10′ E.), southeastern Borneo. Dec. 18, 1907. Collected by William L. Abbott.

Macronous mindanensis montanus Mearns
Proc. Biol. Soc. Washington 18: 4, Jan. 20, 1905.

Macronus striaticeps mearnsi Deignan
Bull. Raffles Mus. 23: 128, May 9, 1951.
=*Macronous striaticeps mearnsi* Deignan, *fide* Deignan (MS.).
192312. Adult male. Todaya (elev. 4,000 feet), Mount Apo, Dávao Province, Mindanao Island, Philippine Islands. July 12, 1904. Collected by Edgar A. Mearns. Original number 13728.

Macronus striaticeps mearnsi Deignan is a new name for *Macronous mindanensis montanus* Mearns (preoccupied when *Mixornis* is combined with *Macronous*), and is founded upon the same type specimen.

Macronus ptilosus batuensis Riley
Proc. Biol. Soc. Washington 50: 61, Apr. 21, 1937.
=*Macronous ptilosus trichorrhos* (Temminck), *fide* Deignan (MS.).
179984. Adult male. Pulau Tanah Bala (lat. 0°26′ S., long. 98°26′ E.), Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 13, 1903. Collected by William L. Abbott.

Macronus ptilosus minor Riley
Proc. Biol. Soc. Washington 50: 62, Apr. 21, 1937.
=*Macronous ptilosus sordidus* Chasen, *fide* Deignan (MS.).
180576. Adult male. Klabat Bay (about lat. 1°35′ S., long. 105°40′ E.), Bangka Island (east of Sumatra). June 29, 1904. Collected by William L. Abbott.

Genus TIMALIA Horsfield

Timalia pileata smithi Deignan
Bull. Brit. Orn. Club 75 (9): 129, Dec. 1, 1955.
450626. Adult male. Chiang Saen Kao (lat. 20°15′ N., long. 100°05′ E.), Province of Chiang Rai, Thailand. Feb. 22, 1953. Collected by Herbert G. Deignan. Original number 1257.

Timalia pileata patriciae Deignan
Bull. Brit. Orn. Club 75 (9): 129, Dec. 1, 1955.
450627. Adult male. Ban Khlong Khlung (lat. 16°10′ N., long. 99°45′ E.), Province of Kamphaeng Phet, Thailand. Apr. 19, 1953. Collected by Herbert G. Deignan. Original number 1622.

Genus CONOSTOMA Hodgson

Conostoma oemodium graminicola Deignan
Zoologica, New York 35 (2): 127, Aug. 1, 1950.
314460. Adult male. Ndamucho ("south of Lütien [lat. 27°12′ N., long. 99°28′ E.]," *fide* collector), Mekong-Yangtze Divide (at elev. 14,000 feet), northwestern Yunnan Province, China. October 1929. Collected by Joseph F. C. Rock. Original number 1547.

Genus GARRULAX Lesson

Dryonastes perspicillatus shensiensis Riley

Proc. Biol. Soc. Washington 24: 43, Feb. 24, 1911.

=*Garrulax perspicillatus shensiensis* (Riley). See Hartert, Vögel der paläarktischen Fauna 3 (4/5): 2155, 1922; Delacour, L'Oiseau et la Revue française d'Ornithologie (new ser.) 16: 27, 33, 1946.

212067. Adult male. Fifteen miles S. of Sian-fu (elev. 1,500 feet), Shensi Province, China. Feb. 28, 1909. Collected by Arthur de C. Sowerby.

Garrulax albogularis laetus Riley

Proc. Biol. Soc. Washington 43: 134, July 18, 1930.

317407. Adult female. Mount Omei (at elev. 3,000 feet), Szechwan Province, China. Nov. 11, 1929. Collected by David C. Graham.

Garrulax albogularis eous Riley

Proc. Biol. Soc. Washington 43: 79, June 5, 1930.

314184. Adult female. Fu-chuan-shan, Mekong-Salwin Divide (at elev. 9,800 feet), Yunnan Province, China. September 1929. Collected by Joseph F. C. Rock. Original number 1667.

Garrulax moniliger badius Ripley

Proc. Biol. Soc. Washington 61: 102, June 16, 1948.

390319. Adult male. Tezu, Mishmi Hills, Sadiya Frontier Tract, Assam State, India. Jan. 11, 1947. Collected by S. Dillon Ripley. Original number 376. Smithsonian Institution-Yale University Expedition.

Garrulax striatus vibex Ripley

Proc. Biol. Soc. Washington 63: 103, May 25, 1950.

391175. Adult female. Godavari, Central Valley, Nepal. Apr. 29, 1947. Collected by S. Dillon Ripley. Original number 1339. Smithsonian Institution-Yale University Expedition.

Garrulax ferrarius Riley

Proc. Biol. Soc. Washington 43: 190, Nov. 29, 1930.

=*Garrulax strepitans ferrarius* Riley. See Delacour, L'Oiseau et la Revue française d'Ornithologie (new ser.) 16: 27, 1946.

324311. Adult male. Khao Kuap (lat. 12°25′ N., long. 102°50′ E.), Trat Province, southeastern Thailand. Dec. 27, 1929. Collected by Hugh McC. Smith. Original number 3577.

Dryonastes grahami Riley

Proc. Biol. Soc. Washington 35: 59, Mar. 20, 1922.

=*Garrulax maësi grahami* (Riley), *fide* Deignan (MS.).

257204. Adult male. Shin Kai Si, Mount Omei, Szechwan Province, China. July 6, 1921. Collected by David C. Graham.

Garrulax chinensis lochmius Deignan

Zoologica, New York 26 (3): 241, Oct. 31, 1941.

336663. Adult male. Chiang Saen Kao (lat. 20°15′ N., long. 100°05′ E.), Province of Chiang Rai, Thailand. Jan. 15, 1937. Collected by Herbert G. Deignan. Original number 2177.

Garrulax cineraceus strenuus Deignan

Proc. Biol. Soc. Washington 70: 190, Dec. 31, 1957.

296779. Adult male. Tsehchung Mountains (Mekong Valley), Yunnan Province, China. November 1923. Collected by Joseph F. C. Rock. Original number 1372.

Trochalopteron Styani Oustalet (Nouv. Arch. Mus. Hist. Nat. Paris [4]3: 276–278, 1901), usually applied to this form, is preoccupied by *Trochalopteron Styani* Oustalet (Bull. Mus. Hist. Nat. Paris 4: 224–226, 253–255, 1898), a substitute name for *Trochalopteron cinereiceps* Styan, 1887=*Garrulax cineraceus cinereiceps* (Styan).

Garrulax rufogularis grosvenori Ripley

Proc. Biol. Soc. Washington 63: 104, May 25, 1950.

408533. Adult male. Rekcha, Dailekh District, western Nepal. Dec. 28, 1948. Collected by S. Dillon Ripley. Original number 347. National Geographic Society-Yale University-Smithsonian Institution Expedition to Nepal.

Dryonastes berthemyi ricinus Riley

Proc. Biol. Soc. Washington 43: 80, June 5, 1930.

=*Garrulax poecilorhynchus ricinus* (Riley), *fide* Deignan (MS.).

314188. Adult female (not male). Ndamucho ("south of Lutien [lat. 27°12′ N., long. 99°28′ E.]"), Mekong-Yangtze Divide (at elev. 14,000 feet), northwestern Yunnan Province, China. October 1929. Collected by Joseph F. C. Rock. Original number 1486.

Garrulax sannio comis Deignan

Postilla, Yale Peabody Mus. Nat. Hist. 11: 3, Mar. 26, 1952.

296636. Adult male. Likiang Plain (elev. 8,200 feet), northwestern Yunnan Province, China. Aug. 18, 1923. Collected by Joseph F. C. Rock. Original number 1060.

Garrulax sannio oblectans Deignan

Postilla, Yale Peabody Mus. Nat. Hist. 11: 3, Mar. 26, 1952.

277649. Adult male. Near Ipin [Suifu] (elev. 1,400 feet), southwestern Szechwan Province, China. Nov. 22, 1923. Collected by David C. Graham.

Garrulax erythrocephalus imprudens Ripley

Proc. Biol. Soc. Washington 61: 102, June 16, 1948.

400923. Adult female. Near the Tidding Saddle (above Dreyi), Mishmi Hills, Sadiya Frontier Tract, Assam State, India. Jan. 6, 1947. Collected by S. Dillon Ripley. Original number 328. Smithsonian Institution-Yale University Expedition.

Garrulax erythrocephalus schistaceus Deignan

Proc. Biol. Soc. Washington 51: 89, May 19, 1938.

336871. Adult male. Doi Luang Chiang Dao (lat. 19°25′ N., long. 98°55′ E.), at elev. 7,000 feet, Chiang Mai Province, northwestern Thailand. Mar. 19, 1937. Collected by Herbert G. Deignan. Original number 2418.

Garrulax erythrocephalus subconnectens Deignan

Proc. Biol. Soc. Washington 51: 90, May 19, 1938.

350108. Adult male. Doi Phu Kha (lat. 19°05′ N., long. 101°05′ E.), at elev. 5,000 feet, Nan Province, northern Thailand. Apr. 6, 1936. Collected by Herbert G. Deignan. Original number 1100.

Genus LIOCICHLA Swinhoe

Liocichla omeiensis Riley

Proc. Biol. Soc. Washington 39: 57, July 30, 1926.

306163. Adult male. Si Gi Pin, Mount Omei (at elev. 6,000 feet), Szechwan Province, China. Aug. 7, 1925. Collected by David C. Graham.

Genus LEIOTHRIX Swainson

Leiothrix argentauris gertrudis Ripley

Proc. Biol. Soc. Washington 61: 103, June 16, 1948.

390393. Adult male. Fort Denning, Mishmi Hills, Sadiya Frontier Tract, Assam State, India. Dec. 25, 1946. Collected by S. Dillon Ripley. Original number 96. Smithsonian Institution-Yale University Expedition.

Genus CUTIA Hodgson

Cutia nipalensis melanchima Deignan

Journ. Washington Acad. Sci. 37 (3) : 105, Mar. 15, 1947.

330611. Adult female. Doi Langka=Khao Pha Cho (lat. 19°00′ N., long. 99°25′ E.), northern Thailand. Nov. 6, 1930. Collected by Hugh McC. Smith. Original number 4292.

Genus PTERUTHIUS Swainson

Pteruthius erythropterus schauenseei Deignan

Journ. Washington Acad. Sci. 36 (12) : 428, Dec. 31, 1946.

311095. Adult male. Khao Luang (lat. 8°30′ N., long. 99°45′ E.), at elev. 4,000 feet, Province of Nakhon Si Thammarat, peninsular Thailand. July 20, 1928. Collected by Hugh McC. Smith. Original number 2260.

Genus ACTINODURA Gould

Actinodura egertoni lewisi Ripley

Proc. Biol. Soc. Washington 61: 105, June 16, 1948.

390299. Adult male. Dreyi (elev. 5,140 feet), Mishmi Hills, Sadiya Frontier Tract, Assam State, India. Jan. 4, 1947. Collected by S. Dillon Ripley. Original number 272. Smithsonian Institution-Yale University Expedition.

Actinodura nipalensis vinctura Ripley

Proc. Biol. Soc. Washington 63: 104, May 25, 1950.

408570. Adult female. Mangalbaré, Dhankuta District, eastern Nepal. Feb. 1, 1949. Collected by S. Dillon Ripley. Original number 678. National Geographic Society-Yale University-Smithsonian Institution Expedition to Nepal.

Genus MINLA Hodgson

Minla cyanouroptera croizati Deignan

Proc. Biol. Soc. Washington 71 (33) : 162, Dec. 31, 1958.

310764. Adult male. Ipin (Suifu), at elev. 3,000 ft., Szechwan Province, China. Apr. 2, 1928. Collected by David C. Graham.

Genus YUHINA Hodgson

Yuhina flavicollis rogersi Deignan

Proc. Biol. Soc. Washington 50: 217, Dec. 28, 1937.

350132. Adult male. Doi Phu Kha (lat. 19°05′ N., long. 101°05′ E.), Nan Province, northern Thailand. Apr. 10, 1936. Collected by Herbert G. Deignan. Original number 1145.

Yuhina gularis omeiensis Riley

Proc. Biol. Soc. Washington 43: 134, July 18, 1930.

317428. Adult male. Mount Omei (at elev. 4,000 feet), Szechwan Province, China. Jan. 15, 1929. Collected by David C. Graham.

Yuhina nigrimentum quarta Riley

Proc. Biol. Soc. Washington 43: 134, July 18, 1930.

=*Yuhina nigrimentum intermedia* Rothschild. See Mayr, *in* Stanford and Mayr, Ibis (14) 5: 90, 1941.

307776. Adult male. Near Tseo Jia Geo, south of Chang Lin Hsien (at elev. 3,000–4,000 feet), Province of Szechwan, China. Mar. 31, 1926. Collected by David C. Graham.

Genus ALCIPPE Blyth

Fulvetta insperata Riley

Proc. Biol. Soc. Washington 43: 123, June 13, 1930.

=*Alcippe cinereiceps manipurensis* (Ogilvie-Grant), *fide* Deignan (MS.).

314150. Adult male. Ndamucho ("south of Lütien [lat. 27°12′ N., long. 99°28′ E.] and west of the Yangtze," *fide* collector), Mekong-Yangtze Divide (at elev. 14,000 feet), northwestern Yunnan Province, China. October 1929. Collected by Joseph F. C. Rock. Original number 1573.

Alcippe nipalensis eremita Riley

Proc. Biol. Soc. Washington 49: 25, Mar. 9, 1936.

=*Alcippe peracensis eremita* Riley, *fide* Deignan (MS.).

311093. Adult male. Khao Saming (lat. 12°21′ N., long. 102°27′ E.), Province of Trat, Thailand. Oct. 16, 1923. Collected by Hugh McC. Smith. Original number 2507.

Alcippe cinerea hypocneca Oberholser

Smithsonian Misc. Coll. 60 (7): 8, Oct. 26, 1912.

=*Alcippe brunneicauda brunneicauda* (Salvadori). See Ripley, Bull. Mus. Comp. Zool. 94: 382–383, 1944.

179949. Adult (sex not indicated). Pulau Pini, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 4, 1903. Collected by William L. Abbott.

Alcippornis brunneicauda epipolia Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 63, 1932.

=*Alcippe brunneicauda brunneicauda* (Salvadori), *fide* Deignan (MS.).

174810. Adult male. Pulau Bunguran (Great Natuna Island), northern Natuna Islands, South China Sea. July 18, 1900. Collected by William L. Abbott.

Alcippornis brunneicauda eriphaea Oberholser

Smithsonian Misc. Coll. 74 (2): 2, Sept. 27, 1922.

=*Alcippe brunneicauda eriphaea* (Oberholser), *fide* Deignan (MS.).

178218. Adult male. Mount Liang Lubung (about lat. 0°39′ N., long. 113°17′ E.), Boven Kapoeas District, Sintang Division, West Borneo. Mar. 25, 1894. Collected by Johannes Büttikofer. Original number 733. Dutch Scientific Expedition to Central Borneo. Received from the Rijksmuseum van Natuurlijke Historië, Leiden.

Alcippe morrisonia Swinhoe

Ibis 5: 296, July 1863.

=*Alcippe morrisonia morrisonia* Swinhoe. See Mayr, *in* Stanford and Mayr, Ibis (14) 5: 73, 1941.

37776. Adult (sex not indicated). "N[orth]. Formosa." April 1862. Collected by Robert Swinhoe. Received from Henry B. Tristram.

Swinhoe based this form upon an unstated number of cotypes of both sexes, of which our No. 37776 is almost certainly one; others are presumably the two in the Tristram Collection listed by Tristram in Catalogue of a Collection of Birds belonging to H. B. Tristram, p. 136, 1889. The data on Swinhoe's original label are: "——? ——?/N. Formosa. April 1862."

Alcippe nipalensis commoda Ripley

Proc. Biol. Soc. Washington 61: 104, June 16, 1948.

390348. Adult male. Fort Denning, Mishmi Hills, Sadiya Frontier Tract, Assam Province, India. Dec. 29, 1946. Collected by S. Dillon Ripley. Original number 175. Smithsonian Institution-Yale University Expedition.

Genus HETEROPHASIA Blyth

Leioptila annectens eximia Riley

Proc. Biol. Soc. Washington 53: 48, Apr. 19, 1940.

=*Heterophasia annectens eximia* (Riley), *fide* Deignan (MS.).

359014. Adult female. Dalat ("Forests of Cam-ly"), Province of Haut Donaï, southern Annam. July 1939. Collected by Joseph F. C. Rock. Original number 365.

Heterophasia capistrata tecta Deignan

Proc. Biol. Soc. Washington 61: 15, Mar. 4, 1948.

=*Heterophasia melanoleuca desgodinsi* (Oustalet), *fide* Deignan (MS.).

286571. Adult male. Nguluko (a settlement at elev. 10,000 feet in the mountains just north of Likiang), northwestern Yunnan Province, China. Apr. 10, 1923. Collected by Joseph F. C. Rock. Original number 159.

Sibia picaoides cana Riley

Proc. Biol. Soc. Washington 42: 166, May 29, 1929.

=*Heterophasia picaoides cana* (Riley). See Riley, U.S. Nat. Mus. Bull. 172 : 356, 1938.

311496. Adult male. Doi Angka=Doi Inthanon (lat. 18°35′ N., long. 98°30′ E.), at elev. 7,500 feet, Province of Chiang Mai, northwestern Thailand. Dec. 6, 1928. Collected by Hugh McC. Smith. Original number 2704.

Family CINCLIDAE: Dippers

Genus CINCLUS Borkhausen

Cinclus mortoni Audubon

Birds of America (folio), vol. 5, No. 87, pl. 435, fig. 2, 1838.

Cinclus Mortoni "(Townsend)" Townsend

Narrative of a journey across the Rocky Mountains, to the Columbia River, Appendix, pp. 133 (in catalogue), 339, April 1839.

=*Cinclus mexicanus unicolor* Bonaparte. See Hellmayr, Catalogue of birds of the Americas 7: 106, 1934.

2862. Adult (sex not indicated). "Oregon?" Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

The oldest label carried by this specimen is Baird's; its data are: "Cinclus americanus Sw./2862. J.K.T./N/Oregon?" ("N" was Baird's symbol for skins presented him by Audubon).

Cinclus Mortoni was based by Townsend upon one specimen, a male, "shot by Captain W. Brotchie, near Fort McLoughlin [McLaughlin], on the N.W. coast of America, in latitude about 49° N." *Cinclus Townsendi* (see below) was similarly named by Townsend from a female procured "in the vicinity of Fort Vancouver." Since, on Townsend's own authority, we know that he possessed but two examples of the dipper, and Baird obtained from Audubon two skins of *Cinclus*, each putatively collected by Townsend, one is forced to consider the possibility that our Nos. 2861 and 2862 are the types of *Cinclus Townsendi* and *C. Mortoni.*

It may be said at once that neither description agrees with either of these skins, but, in fact, such statements as "belly . . . slightly banded transversely with blackish" and "the whole inferior surface of the body . . . banded transversely with blackish" do not fit any specimen of the American dipper ever examined by me, and one must suppose that the descriptions were drawn up from memory, which would account for these and other serious discrepancies.

The chief putative differences between *Cinclus Mortoni* and *C. Townsendi* are the shorter length of the former ("about 5 inches," against "about 7 inches") and its shorter tail. No. 2862 is, in the dried skin, about 6½ inches long, while No. 2861 is about 8 inches long; the tail of No. 2862 is a full half inch shorter than that of No. 2861 and appears even shorter as a result of its make-up.

In short, while it can now never be proved, there is reason to believe that these two specimens are the true types of Townsend's two supposedly new dippers.

It is necessary to point out that the site of "Fort McLoughlin" lay far to the north of the 49th Parallel. Duflot de Mofras (Exploration du Territoire de l'Orégon, vol. 2, 1844, pp. 146–147) locates it as follows: "En quittant l'entrée nord du détroit de Juan Fuca [Queen Charlotte Sound], et en remontant la côte, on rencontre le cap Circonspection [Cape Caution], au delà duquel apparaissent au large les rochers de la Vierge, petits îlots fort dangereux. Au nord de ces îlots, se trouve l'île Calvert, la plus sud de l'archipel de la Princesse Royale. Le fort anglais de Mac Loughlin, ainsi nommé en l'honneur du surintendant, fondé en 1833, est situé dans l'anse de la Loutre, sur l'île immédiatement au-dessus de celle de Calvert . . ."

Cinclus townsendi Audubon

Birds of America (folio), vol. 5, No. 87, pl. 435, fig. 1, 1838.

Cinclus Townsendi "(Audubon)" Townsend

Narrative of a journey across the Rocky Mountains, to the Columbia River, Appendix, pp. 333 (in catalogue), 339, April 1839.

=*Cinclus mexicanus unicolor* Bonaparte. See Hellmayr, Catalogue of birds of the Americas 7: 106, 1934.

2861. Adult (sex not indicated). "N.W. Coast. Oregon." Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

The oldest label borne by this skin is Baird's; its data are: "Cinclus americanus Sw/2861 J.K.T. N/N.W. Coast. Oregon" ("N" was Baird's symbol for specimens presented him by Audubon).

For further comments on this bird, see remarks under the preceding form.

Family TROGLODYTIDAE: Wrens

Genus CISTOTHORUS Cabanis

Cistothorus palustris, var. **paludicola** Baird

Review of American birds 1: 148, September 1864.

=*Cistothorus palustris paludicola* Baird. See Hellmayr, Catalogue of birds of the Americas 7: 127, 1934.

7141. Adult (sex not indicated). Shoalwater Bay, Pacific County, Washington. Oct. 31, 1854. Collected by James G. Cooper. Original number 110. Pacific Railroad Survey, Line of the 47th Parallel.

Talmatodytes [*sic*] palustris pulverius Aldrich

Proc. Biol. Soc. Washington 59: 130, Oct. 25, 1946.

=*Cistothorus palustris pulverius* (Aldrich). See Hellmayr, Catalogue of birds of the Americas 7: 114 (footnote 1), 1934.

262472. Adult male. Sprague, Lincoln County, Washington. June 11, 1918. Collected by George G. Cantwell. Original number 175. Received from the U.S. Fish and Wildlife Service.

Telmatodytes palustris iliacus Ridgway

Proc. Biol. Soc. Washington 16: 110, Sept. 30, 1903.

=*Cistothorus palustris iliacus* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 114 (footnote 1), 1934.

Cistothorus palustris plesius Oberholser

Auk 14 (2): 188, April 1897.

114938. Adult male. Fort Wingate, McKinley County, New Mexico. September 24, 1888. Collected by Robert W. Shufeldt.

Telmatodytes palustris thryophilus Oberholser

Proc. Biol. Soc. Washington 16: 149, Nov. 12, 1903.

=*Cistothorus palustris thryophilus* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 7: 126, 1934.

184769. Adult male. Sabine, Jefferson County, Texas. Sept. 3, 1902. Collected by Harry C. Oberholser. Original number 514. Received from the U.S. Fish and Wildlife Service.

Telmatodytes palustris tolucensis Nelson

Proc. Biol. Soc. Washington 17: 152, Oct. 6, 1904.

=*Cistothorus palustris tolucensis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 7: 114 (footnote 1), 1934; Friedmann, Griscom, and Moore, Pacific Coast Avifauna 33: 149, 1957.

194074. Adult male. Lerma, State of México, México. July 5, 1904. Collected by Edward A. Goldman. Original number 10950. Received from the U.S. Fish and Wildlife Service.

Genus CAMPYLORHYNCHUS von Spix

Campylorhynchus balteatus Baird

Review of American birds 1: 103, August 1864.

=*Campylorhynchus fasciatus pallescens* Lafresnaye. See Hellmayr, Catalogue of birds of the Americas 7: 135, 136, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

11748. Adult (sex not indicated). "Piura R[iver]." (not Piura), Department of Piura, Perú. Sept. 12, 1858. Collected by Carrington Raymond.

Heleodytes alticolus Nelson

Auk 14 (1): 68, January 1897.

=*Campylorhynchus megalopterus megalopterus* Lafresnaye. See Hellmayr, Catalogue of birds of the Americas 7: 136, 137, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

142855. Adult male. Huitzilac, State of Morelos, México. Dec. 28, 1892. Collected by Edward W. Nelson. Original number 608. Received from the U.S. Fish and Wildlife Service.

Heleodytes nelsoni Ridgway

Proc. Biol. Soc. Washington 16: 111, Sept. 30, 1903.

=*Campylorhynchus megalopterus nelsoni* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 137, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

13659. Adult (sex not indicated). Jalapa, State of Vera Cruz, México. Entered into the museum register on Dec. 21, 1859. Collected by J. Montes de Oca. Received from Philip L. Sclater.

Heleodytes zonatus restrictus Nelson

Auk 18 (1): 49, January 1901.

=*Campylorhynchus zonatus zonatus* (Lesson). See Hellmayr, Catalogue of birds of the Americas 7: 138, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

166601. Adult male. Frontera, State of Tabasco, México. Apr. 26, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 6969. Received from the U.S. Fish and Wildlife Service.

Campylorhynchus brevipennis Lawrence

Ann. Lyc. Nat. Hist. New York 8: 344 (not earlier than June 25), 1866.

=*Campylorhynchus nuchalis brevipennis* Lawrence. See Wetmore, Proc. U.S. Nat. Mus. 87: 237–238, 1939; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

109510. Immature (sex not indicated). "Venezuela." Entered into the museum register on Oct. 12, 1886. Received from John Krider.

Heleodytes humilis rufus Nelson

Auk 14 (1): 69, January 1897.

=*Campylorhynchus rufinucha humilis* Sclater. See Hellmayr, Catalogue of birds of the Americas 7: 146, 147, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

142820. Adult female. Aguahuizotla, State of Guerrero, México. Dec. 28, 1894 (not 1895). Collected by Edward W. Nelson and Edward A. Goldman. Original number 2456. Received from the U.S. Fish and Wildlife Service.

Heleodytes capistratus nigricaudatus Nelson

Auk 14 (1): 70, January 1897.

=*Campylorhynchus rufinucha nigricaudatus* (Nelson). See Griscom, Amer. Mus. Nov. 414: 7, 1930; Hellmayr, Catalogue of birds of the

Americas 7: 146 (footnote 2), 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

142806. Adult male. San Benito, State of Chiapas, México. Mar. 11, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3648. Received from the U.S. Fish and Wildlife Service.

Campylorhynchus castaneus Ridgway

Proc. U.S. Nat. Mus. 10: 507, Aug. 6, 1888.

=*Campylorhynchus rufinucha castaneus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 144, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

42588. Adult (sex not indicated). "Spanich Honduras Centr Amerika." Entered into the museum register on Oct. 27, 1866. Collected by Schalamr (*sic*) Blum. Original number 25. Purchased from [John] Ilges & [Fred.] Sauter, taxidermists in New York, N.Y.

Heleodytes brunneicapillus anthonyi Mearns

Auk 19 (2) : 143, April 1902.

=*Campylorhynchus brunneicapillus couesi* (Bowdler Sharpe). See Ridgway, Birds of North and Middle America 3: 522, 524, 1904; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

132804. Adult male. Adonde, Yuma County, Arizona. Feb. 27, 1894. Collected by Edgar A. Mearns and Francis X. Holzner. Original number 10306. Mexican-United States International Boundary Commission.

Campylorhynchus affinis Xántus

Proc. Acad. Nat. Sci. Philadelphia 11: 298 (not earlier than Nov. 29), 1859.

=*Campylorhynchus brunneicapillus affinis* Xántus. See Hellmayr, Catalogue of birds of the Americas 7: 148, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

12962. Adult male. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 360.

12965. Adult male. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 190.

Xantus's name was based upon five cotypes. These were, in addition to the two listed above, No. 12961, a male, sent to Oberlin College on Mar. 21, 1888; No. 12963, a female, sent to Thomas McIlwraith on Feb. 7, 1889; No. 12964, a female, sent to A. D. Bache in February 1860.

Heleodytes brunneicapillus obscurus Nelson

Proc. Biol. Soc. Washington 12: 58, Mar. 24, 1898.

=*Campylorhynchus brunneicapillus guttatus* (Gould). See Hellmayr, Catalogue of birds of the Americas 7: 149, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

142789. Adult male. Tula, State of Hidalgo, México. Mar. 9, 1893. Collected by Edward W. Nelson. Original number 860. Received from the U.S. Fish and Wildlife Service.

Heleodytes stridulus Nelson

Proc. Biol. Soc. Washington 13: 30, May 29, 1899.

=*Campylorhynchus jocosus gularis* Sclater. See Hellmayr, Catalogue of birds of the Americas 7: 151, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

164261. Adult male (not female). Fifty miles NE. of Choix, Sierra de Choix, State of Sinaloa, México. Oct. 16, 1898. Collected by Edward A. Goldman. Original number 5924. Received from the U.S. Fish and Wildlife Service.

Heleodytes occidentalis Nelson

Auk 14 (1): 69, January 1897.

=*Campylorhynchus jocosus gularis* Sclater. See Nelson, Auk 15: 160, 1898; Hellmayr, Catalogue of birds of the Americas 7: 151, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

142836 (*not* 142863). Adult male. Sierra Nevada de Colima, State of Jalisco, México. Apr. 20, 1892. Collected by Edward W. Nelson. Original number 102. Received from the U.S. Fish and Wildlife Service.

Campylorhynchus jocosus Sclater

Proc. Zool. Soc. London 27 (3): 371, February 1860.

=*Campylorhynchus jocosus jocosus* Sclater. See Hellmayr, Catalogue of birds of the Americas 7: 150, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

22381. Adult female. "Mexique." Entered into the museum register on October 26, 1861. Purchased from Verreaux Frères.

As is usually the case with birds that entered the hands of the brothers Verreaux, this specimen lacks an original label and many pertinent data; the word "type" alone serves as an indication of its potential status.

In justification of my claim for No. 22381, the following facts may be adduced: *C. jocosus* was established by Sclater upon two skins, a male and a female, "procured by M. Boucard at Oaxaca in March 1858," and submitted to his examination by Sallé. Of these, only one entered Sclater's private collection (see Catalogue of a collection of American birds belonging to Philip Lutley Sclater, p. 17, May 1862). Although Sclater there calls his specimen "type," reference to the original description shows that each of the two became an equivalent cotype. Our bird is at least presumptively one of these.

Genus THRYOTHORUS Vieillot

Thryothorus Ludovicianus (Lath.), var. **Miamensis** Ridgway

American Naturalist 9 (8): 469, August 1875.

=*Thryothorus ludovicianus miamensis* Ridgway. See Lowery, Auk 57: 100, 1940.

82727. Adult male. Miami "River," Dade County, Florida. Jan. 9, 1871 (not 1874). Collected by Charles J. Maynard. Original number 4384. Received from Robert Ridgway, in whose private collection it was No. 1864.

Thryothorus ludovicianus euronotus Lowery

Auk 57 (1): 98, Jan. 4, 1940.

342079. Adult male. Gulfport, Harrison County, Mississippi. Nov. 20, 1937. Collected by Thomas D. Burleigh. Original number 4798. Received from the U.S. Fish and Wildlife Service.

Thryothorus ludovicianus burleighi Lowery

Auk 57 (1): 99, Jan. 4, 1940.

342080. Adult male. Cat Island ("nine miles offshore from Gulfport"), Harrison County, Mississippi. Feb. 24, 1937. Collected by Thomas D. Burleigh. Original number 4297. Received from the U.S. Fish and Wildlife Service.

Thryothorus ludovicianus alamoensis Godfrey

Auk 63 (4): 564, Oct. 25, 1946.

152430. Adult male. San Antonio, Bexar County, Texas. Mar. 18, 1889. Collected by Henry P. Attwater. Original number 61.

Thriothorus berlandieri "Couch" Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 360 (in key), 362, 1858.

=*Thryothorus ludovicianus berlandieri* Baird. See Hellmayr, Catalogue of birds of the Americas 7: 155, 1934.

7121. Adult (sex not indicated). "San Diego, Rio San Juan," State of Nuevo León, México. March 1853. Collected by Darius N. Couch. Original number 123.

7122. Adult female. Boquillas, State of Nuevo León, México. April 1853. Collected by Darius N. Couch. Original number 142.

7123. Adult male. Boquillas, State of Nuevo León, México. April 1853. Collected by Darius N. Couch. Original number 143.

Thryothorus ludovicianus oberholseri Lowery

Auk 57 (1): 101, Jan. 4, 1940.

342081. Adult male. Del Rio, Valverde County, Texas. December 30, 1938. Collected by Thomas D. Burleigh. Original number 5439. Received from the U.S. Fish and Wildlife Service.

Thryophilus leucotis collinus Wetmore

Smithsonian Misc. Coll. 106 (16): 9, Dec. 30, 1946.

=*Thryothorus leucotis collinus* (Wetmore). See Hellmayr, Catalogue of birds of the Americas 7: 153 (footnote 2), 1934.

369737. Adult male. "Between 1,500 and 2,000 feet elevation near Nazaret, in the Serranía de Macuire," Commissary of La Guajira, Colombia. May 7, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11842.

Thryophilus tænioptera [*sic*] Ridgway

Proc. U.S. Nat. Mus. 10: 518, Aug. 6, 1888.

=*Thryothorus leucotis taeniopterus* (Ridgway). See Griscom and Greenway, Bull. Mus. Comp. Zool. 87: 301, 1941.

120771. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. June 29, 1887. Collected by Clarence B. Riker. Original number 4.

112451. Adult (sex not indicated). Diamantina, State of Pará, Brazil. June 27, 1887. Collected by Clarence B. Riker.

Thryothorus superciliaris Lawrence

Ann. Lyc. Nat. Hist. New York 9 (7): 235, June 1869.

=*Thryothorus superciliaris superciliaris* Lawrence. See Hellmayr, Catalogue of birds of the Americas 7: 167, 1934.

54099 (not 54100). Adult (sex not indicated). Puná Island (in the Gulf of Guayaquil), Province of Guayas, Ecuador. Entered into the museum register on February 15, 1869. Collected by J. F. Reeve.

In the original description, Lawrence stated that he had seen three specimens, and that No. 54100 was the type. No. 54100 is now in the American Museum of Natural History, where it is No. 39409; on the reverse side of its label, in Lawrence's handwriting, is the word "Typical." On the reverse side of the label of our No. 54099, again in Lawrence's hand, is the word "Type." It seems certain, then, that the skin in Washington is the true type, and that the number "54100" appeared in print as the result of a *lapsus calami.*

Thryophilus modestus pullus Ridgway

Proc. Biol. Soc. Washington 16: 167, Nov. 30, 1903.

=*Thryothorus modestus pullus* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 168, 169, 1934.

142928. Adult male. Huehuetán, State of Chiapas, México. February 29, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3606. Received from the U.S. Fish and Wildlife Service.

Thryophilus zeledoni "(Lawrence, MS.)" Ridgway

Proc. U.S. Nat. Mus. 1: 252, 1878 or 1879.

=*Thryothorus modestus zeledoni* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 170, 171, 1934.

81782. Adult female. "Pacuare"=Río Pacuare, Province of Limón, Costa Rica. 1876. Collected by Juan Cooper. Original number 774. Received from Robert Ridgway (of whose private collection it once formed part), who acquired it from José C. Zeledón.

Thryophilus sinaloa Baird

Review of American birds 1: 122 (in key), 130, August [p. 122] or September [p. 130] 1864.

=*Thryothorus sinaloa sinaloa* (Baird). See Hellmayr, Catalogue of birds of the Americas 7: 171, 1934.

23786. Adult male. "Mazatlan (River)," State of Sinaloa, México. July 1861. Collected by John Xántus. Original number 280.

Thryophilus sinaloa russeus Nelson

Proc. Biol. Soc. Washington 16: 157, Nov. 30, 1903.

=*Thryothorus sinaloa russeus* (Nelson). See Hellmayr, Catalogue of birds of the Americas 7: 172, 1934.

185893. Adult male. Acahuizotla, State of Guerrero, México. May 9, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9791. Received from the U.S. Fish and Wildlife Service.

Thryophilus rufalbus castanonotus Ridgway

Proc. Boston Soc. Nat. Hist. 23: 386, March 1888.

=*Thryothorus rufalbus castanonotus* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 172, 173, 1934.

32694. Adult male. "Côte ferme"=Panamá. Entered into the museum register on Mar. 18, 1864. Received from the Maison Verreaux, Paris.

Ridgway's *Thryophilus rufalbus castanonotus* was a mere substitute name for *Thryophilus rufalbus*, var. *rufalbus* Baird (Review of American birds 1: 128, 129, 1864), not *T*[*hriothorus*]. *rufalbus* Lafresnaye, 1845. Ridgway gave no description of his own, but instead, a clear indication to Baird's, and we are therefore compelled to consider Baird's specimens the types of Ridgway's new name.

Baird's series consisted of four specimens, of which one, No. 32692, a male from Bogotá, is a representative of *Thryothorus rufalbus minlosi* (von Berlepsch), and accordingly not to be listed here. Two others, a male and a female from the "Panama R.R.," each with original number 93, are presumably now in the American Museum of Natural History as part of the Lawrence Collection.

Thryothorus rufalbus castanonotus Ridgway

Proc. U.S. Nat. Mus. 10: 508, Aug. 6, 1888.

=*Thryothorus rufalbus castanonotus* (Ridgway), March 1888, *fide* Deignan (MS.).

81783. Adult female. Angostura, Province of Cartago, Costa Rica. July 1875. Collected by José C. Zeledón. Original number 732. Received from Robert Ridgway, of whose private collection it once formed part.

This name is accompanied by a formal description, with a reference to No. 81783 as "type." Since No. 81783 was not a cotype of *Thryophilus rufalbus castanonotus* Ridgway, March 1888 (*vide supra*), *Thryothorus rufalbus castanonotus* Ridgway, Aug. 6, 1888, must be considered an entirely new name, which only accidentally happens to apply to the same race as its earlier homonym.

Thryothorus brunneus Lawrence

Ann. Lyc. Nat. Hist. New York 8: 178 (not earlier than Oct. 23), 1865.

=*Thryothorus thoracicus thoracicus* Salvin. See Hellmayr, Catalogue of birds of the Americas 7: 175, 176, 1934.

40396. Immature (sex not indicated). Greytown=San Juan del Norte, Department of Chontales, Nicaragua. Entered into the museum register on Dec. 25, 1865. Collected by H. E. Holland. Original number 58.

As a result of faulty pagination, Lawrence's original description appears on p. 179 of the separates!

Thryothorus nigricapillus odicus Wetmore

Smithsonian Misc. Coll. 139(2): 14, July 8, 1959.

469015. Adult male. Island of Escudo de Veraguas, Caribbean Sea off the Province of Bocas del Toro, Panamá. Mar. 1, 1958. Collected by Alexander Wetmore. Original number 22230.

Thryophilus schottii Baird

Review of American birds 1: 123 (in key), 133, August [p. 123] or September [p. 133] 1864.

=*Thryothorus nigricapillus schottii* (Baird). See Hellmayr, Catalogue of birds of the Americas 7: 178, 1934.

17901. Adult (sex not indicated). "Truando River"=Falls of the Río Truandó, at the Cordillera de Baudó, Intendency of Chocó, Colombia. (Probably) January 1858. Collected by Charles J. Wood and William S. Wood, Jr. (not Arthur C. V. Schott). Original number 172. U.S. Survey of the Río Atrato.

21688. Adult male. "Truando Falls"=Falls of the Río Truandó, at the Cordillera de Baudó, Intendency of Chocó, Colombia. (Probably) January 1858. (Probably) collected by Charles J. Wood and William S. Wood, Jr. (probably not by Arthur C. V. Schott). Original number 218. U.S. Survey of the Río Atrato.

In Cassin's report on the birds of the Río Atrato (Proc. Acad. Nat. Sci. Philadelphia, p. 193, 1860), we find the following comment: "In low bushes and on the ground, on the banks of the Rio Truando, in the Cordilleras. . . . (Mr. W. S. Wood, Jr.)."

Thryophilus pleurostictus ravus Ridgway

Proc. Biol. Soc. Washington 16: 167, Nov. 30, 1903.

=*Thryothorus pleurostictus ravus* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 181, 1934.

89701. Adult male. San Juan del Sur, Department of Rivas, Nicaragua. Jan. 17, 1883. Collected by Charles C. Nutting. Original number 447.

Thryothorus oyapocensis Ridgway

Proc. U.S. Nat. Mus. 10: 516 (footnote), Aug. 6, 1888.

=*Thryothorus coraya coraya* (Gmelin). See Hellmayr, Catalogue of birds of the Americas 7: 190, 1934.

90448. Adult (sex not indicated). Oyapock, French Guiana. Entered into the museum register on June 22, 1883. Received from Osbert Salvin and Frederic DuC. Godman (of whose private collection it once formed part), who acquired it from "M[archan]^{d}." A. Verdey, a dealer of Paris.

Thryothorus herberti "Riker, MS." Ridgway

Proc. U.S. Nat. Mus. 10: 516, Aug. 6, 1888.

=*Thryothorus coraya herberti* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 191, 1934.

120772. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. June 13, 1887. Collected by Jessie —— (Mrs. Clarence B. Riker).

120773. Immature female. Diamantina, State of Pará, Brazil. June 29 (not 27), 1887. Collected by Clarence B. Riker.

Thryothorus felix pallidus Nelson

Proc. Biol. Soc. Washington 13: 29, May 29, 1899.

164270. Adult female. Chacala, State of Durango, México. Feb. 27, 1889. Collected by Edward A. Goldman. Original number 6172. Received from the U.S. Fish and Wildlife Service.

Thryothorus felix grandis Nelson

Auk 17 (3): 269, July 1900.

142949. Adult male. Yautepec, State of Morelos, México. Jan. 18, 1893. Collected by Edward W. Nelson. Original number 760. Received from the U.S. Fish and Wildlife Service.

Thryothorus felix, β. lawrencii "Ridgway, MSS." Ridgway

Bull. Nuttall Orn. Club 3 (1): 10, January 1878.

=*Thryothorus felix lawrencii* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 201, 1934.

37329. Adult male. "Tres Marias Islands"=María Madre Island (*fide* Nelson, North Amer. Fauna 14: 57–58, 1899), Tres Marías Islands, off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 41.

50817. Adult (sex not indicated). Same locality data as No. 37329. Entered into the museum register on Apr. 24, 1868. Collected by Andrew J. Grayson. Original number 44.

50818. Adult (sex not indicated). Same locality data as No. 37329. Entered into the museum register on Apr. 24, 1868. Collected by Andrew J. Grayson. Original number 44.

No. 50817 at some time entered the private collection of Robert Ridgway, who removed the original label, to replace it with one of his own.

Thryothorus lawrencii magdalenæ Nelson

Proc. Biol. Soc. Washington 12: 11, Jan. 27, 1898.

=*Thryothorus felix magdalenae* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 201, 1934.

156943. Adult male. María Magdalena Island, Tres Marías Islands, off the State of Nayarit, México. May 28, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4414. Received from the U.S. Fish and Wildlife Service.

T[hryothorus]. maculipectus canobrunneus Ridgway

Manual of North American birds, p. 552 (footnote 5), September 1887.

=*Thryothorus rutilus canobrunneus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 202, 1934.

106242. Adult (sex not indicated). Temax, State of Yucatán, México. December "1885." Collected by George F. Gaumer. Original number 8.

106243. Adult (sex not indicated). State of Yucatán, México. Entered into the museum register on December 8, 1885. Collected by George F. Gaumer.

Ridgway stated that the type of this form was No. 106243, from Temax, but there is, in fact, no evidence in existence that it came from Temax at all. The oldest label, written in Ridgway's hand, bears only the data given above. No. 106242, on the other hand, carries Gaumer's own label, which not only gives Temax as provenience, but shows as well a collection date. Since Ridgway had before him but two specimens of *canobrunneus,* it is difficult to believe that he intended to use as type the one with less sufficient data, and it seems highly probable that "106243" was a *lapsus calami* for "106242." In the circumstances, I treat each of them as a cotype.

Although Gaumer himself wrote the collection date of No. 106242 as "December 1885," one must recognize this as an error, in consideration of the fact that the specimen was already in Washington not later than Dec. 8, 1885. Collection dates of other skins in the same shipment run back to September 1884, so it may be assumed that No. 106242 was actually taken in December 1884.

T[hryothorus]. maculipectus umbrinus Ridgway

Manual of North American birds, p. 552 (footnote 4), September 1887.

=*Thryothorus rutilus umbrinus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 203, 1934.

10205. Adult (sex not indicated). "Guatemala." Entered into the museum register on Apr. 17, 1858. Received from John Gould.

20398. Adult (sex not indicated). Cajabón ("a small village on the river of the same name . . . about forty miles northeast of Coban," *fide* Griscom, Bull. Amer. Mus. Nat. Hist. 64: 414, 1932), Department of Alta Vera Paz, Guatemala. January 1860. Collected by Osbert Salvin. Original number 1437. Received from Osbert Salvin.

42655. Adult (sex not indicated). "Central Guatemala (Coban to Clusec)." Entered into the museum register on Oct. 29, 1866. Collected by Henry Hague.

50439. Adult (sex not indicated). "Guatemala." Entered into the museum register on Mar. 4, 1868. Collected by C. H. Van Patten.

Although no type was designated at the original description, Ridgway at some time fastened a red type label to No. 50439. Of the Guatemaltecan skins in his series, it is clear that only No. 20398 is accompanied by sufficient data to be justifiably made the lectotype, and, if one is to accept Griscom's restriction of type locality to Vera Paz (*op. cit.*, p. 293), No. 20398 acquires still greater validity for this purpose. I list here all four of Ridgway's cotypes from Guatemala.

Genus THRYOMANES Sclater

Thryomanes bewickii altus Aldrich

Occas. Pap. Mus. Zool., Louisiana State Univ. 18: 307, Dec. 30, 1944.

348448. Adult male. Seven miles east of Philippi (at elev. 1,750 feet), Barbour County, West Virginia. June 3, 1936. Collected by Watson M. Perrygo and J. Carleton Lingebach. Original number 379.

Thryomanes bewickii ariborius Oberholser

Wilson Bull. 32 (1) : 25, March 1920.

136701. Adult female. Agassiz, Yale Electoral District, Province of British Columbia, Canada. Dec. 5, 1895. Collected by Clark P. Streator. Received from the U.S. Fish and Wildlife Service.

Thryomanes bewickii calophonus Oberholser

Proc. U.S. Nat. Mus. 21: 422 (in key), 440, Nov. 19, 1898.

135210. Adult male. South Park, King County, Washington. Dec. 19, 1894. Collected by Lucien McS. Turner? Original number 630. Received from Lucien McS. Turner.

Thryomanes bewickii hurleyi Jewett

Auk 61 (2) : 288, Apr. 15, 1944.

378010 (not 373010). Adult male. Parker, Yakima County, Washington. Mar. 28, 1943. Collected by John B. Hurley. Received from the U.S. Fish and Wildlife Service, which acquired it from John B. Hurley through Stanley G. Jewett.

Thryomanes bewickii eremophilus Oberholser

Proc. U.S. Nat. Mus. 21: 422 (in key), 427, Nov. 19, 1898.

126674 (not 126774). Adult male. Big Hatchet Mountains, Grant County, New Mexico. May 19, 1892. Collected by Edgar A. Mearns and Francis X. Holzner. Original number 7981. Mexican-United States International Boundary Commission.

Thryomanes bewickii drymœcus Oberholser

Proc. U.S. Nat. Mus. 21: 423 (in key), 437, Nov. 19, 1898.

=*Thryomanes bewickii drymoecus* Oberholser. See A.O.U., Checklist of North American birds, ed. 4, p. 245, 1931.

91640 (not 91610). Adult male. Baird, Shasta County, California. June 6, 1883. Collected by Charles H. Townsend. Original number 116.

Thryomanes bewickii nesophilus Oberholser

Proc. U.S. Nat. Mus. 21: 423 (in key), 442, Nov. 19, 1898.

117641. Adult male. Santa Cruz Island, Santa Barbara County, California. Feb. 7, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Thryomanes bewickii charienturus Oberholser

Proc. U.S. Nat. Mus. 21: 423 (in key), 435, Nov. 19, 1898.

134163. Adult male. Nachogüero Valley ("at United States boundary, altitude 3429 feet, about between Jacumba and Campo [Upper California]," *fide* Grinnell, Univ. California Publ. Zool. 32: 26, 1928), State of Baja California, México. June 5, 1894. Collected by Edgar A. Mearns. Original number 10986. Mexican-United States International Boundary Commission.

Thryomanes brevicauda Ridgway

Bull. U.S. Geol. and Geogr. Surv. Terr. 2 (2): 186, 1876.

=*Thryomanes bewickii brevicauda* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 214, 1934.

70042. Adult (sex not indicated). Guadalupe Island (lat. 29°00′ N., long. 118°15′ W.), eastern Pacific Ocean off the State of Baja California, México. Mar. 2, 1875. Collected by Edward Palmer. Original number 15.

No. 70041, a cotype with identical data, was sent to the Museum of Comparative Zoölogy on Dec. 26, 1929.

Thryomanes bewickii cryptus Oberholser

Proc. U.S. Nat. Mus. 21: 422 (in key), 425, Nov. 19, 1898.

112838. Adult male. San Antonio, Bexar County, Texas. Jan. 5, 1887. Collected by Charles W. Beckham. Original number 2712.

Thryomanes bewickii percnus Oberholser

Proc. U.S. Nat. Mus. 21: 422 (in key), 429, Nov. 19, 1898.

142993. Adult male. Etzatlán, State of Jalisco, México. June 23, 1892. Collected by Edward W. Nelson. Original number 196. Received from the U.S. Fish and Wildlife Service.

Thryothorus Sissonii Grayson

The California Farmer and Journal of Useful Sciences 29 (1): 7, Jan. 9, 1868.

Troglodytes insularis "Baird, MS." Lawrence

Ann. Lyc. Nat. Hist. New York 10 (1–3): 3, February-March 1871.

=*Thryomanes sissonii* (Grayson). See Hellmayr, Catalogue of birds of the Americas 7: 215 (footnote 3), 1934; Taylor, Condor 53: 197, 1951.

39991. Adult (sex not indicated). Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. June 1865. Collected by Andrew J. Grayson. Original number —.

50810. Adult male. Same data as No. 39991. Original number 397.

50811. Adult (sex not indicated). Same data as No. 39991. Original number 397.

50812. Adult male. Same data as No. 39991. Original number 397.

50813. Adult (sex not indicated). Same data as No. 39991. Original number 397.

50815. Adult (sex not indicated). Same data as No. 39991. Original number 397.

58259. Adult male. Same data as No. 39991. Original number 397.

Taylor (*op. cit.*, p. 196) found that Grayson had a total of 12 specimens, all of which must be considered cotypes of *Thryothorus Sissonii* Grayson.

Of these, eight came to the U.S. National Museum; No. 50814, not listed above, was sent to George N. Lawrence on June 5, 1869, and is now in the collection of the American Museum of Natural History, New York. The remaining four specimens seem, according to Taylor, to have been sold by Grayson and destined for persons in England.

No. 50813, like many another important skin in the museum, entered the private collection of Robert Ridgway, there to have its original label removed and replaced by Ridgway's own.

Although all of Grayson's specimens are cotypes of his new race, No. 50810 alone is the type of *Troglodytes insularis* Lawrence, by his definite designation at the original description.

Genus TROGLODYTES Vieillot

Troglodytes ædon, var. aztecus Baird

Review of American birds 1: 138 (in key), 139, September 1864.

=*Troglodytes aedon parkmanii* Audubon. See Oberholser, Ohio Journ. Sci. 34: 93, 1934; Wetmore, Proc. U.S. Nat. Mus. 84: 419, 1937.

26368. Adult (sex not indicated). Jalapa, State of Veracruz, México. Entered into the museum register in January 1863. Collected by Rafael Montes de Oca. Received from John Krider.

29206. Adult (sex not indicated). Orizaba, State of Veracruz, México. Entered into the museum register on May 8, 1863. Collected by Adrien L. F. Sumichrast. Original number 106.

30872. Adult (sex not indicated). Hacienda "Mirador," State of Veracruz, México. December 1862. Collected by Carl C. W. Sartorius. Original number 125.

Baird's original series consisted of five specimens. No. 7139, a male from Charco Escondido, Tamaulipas, seems to have vanished from the collection without trace. A bird from Jalapa, the property of George N. Lawrence, is perhaps now in the American Museum of Natural History.

Troglodytes peninsularis Nelson

Proc. Biol. Soc. Washington 14: 174, Sept. 25, 1901.

=*Troglodytes aedon peninsularis* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 221, 1934; Wetmore, Smithsonian Misc. Coll. 134 (9): 76, 1957.

168115. Adult male. Progreso, State of Yucatán, México. Mar. 5, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7686. Received from the U.S. Fish and Wildlife Service.

Troglodytes beani Ridgway

Proc. Biol. Soc. Washington 3: 21 [p. 1 of extra], Feb. 26, 1885.

=*Troglodytes aedon beani* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 220, 221, 1934; Wetmore, Smithsonian Misc. Coll. 134 (9): 76, 1957.

102473. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. Jan. 28, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Troglodytes aedon carychrous Wetmore

Smithsonian Misc. Coll. 134 (9) : 76, July 8, 1957.

461091. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Jan. 21, 1956. Collected by Alexander Wetmore. Original number 20373.

Troglodytes aedon effutitus Wetmore

Proc. Biol. Soc. Washington 71: 2, Apr. 11, 1958.

369759. Adult male. Maicao, Commissary of La Guajira, Colombia. Apr. 15, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11414.

Troglodytes musculus enochrus Oberholser

Proc. U.S. Nat. Mus. 27: 207, Jan. 23, 1904.

=*Troglodytes aedon audax* von Tschudi. See Hellmayr, Catalogue of birds of the Americas 7: 236, 1934; Wetmore, Smithsonian Misc. Coll. 134 (9): 76, 1957.

39816. Adult female. Lima, Department of Lima, Perú. Entered into the museum register on Nov. 11, 1865. Collected by Walter S. Church.

Troglodytes musculus acosmus Oberholser

Proc. U.S. Nat. Mus. 27: 204, Jan. 23, 1904.

=*Troglodytes aedon chilensis* Lesson. See Hellmayr, Catalogue of birds of the Americas 7: 238, 1934; Wetmore, Smithsonian Misc. Coll. 134 (9): 76, 1957.

148694. Adult (sex not indicated). "Chile." Collected by E. C. Reed. Received from Adolphe Boucard.

Thryothorus rufescens Lawrence

Ann. New York Acad. Sci. 1 (1–2): 47, December 1877.

=*Troglodytes aedon rufescens* (Lawrence). See Bond, Checklist of birds of the West Indies, ed. 4, p. 120, 1956; Wetmore, Smithsonian Misc. Coll. 134 (9): 76, 1957.

77804. Adult male. Landat, Dominica Island, Leeward Islands, Caribbean Sea. Mar. 3, 1877. Collected by Frederick A. Ober. Original number 21.

Thryothorus musicus Lawrence

Ann. New York Acad. Sci. 1 (5): 148, June 1878.

=*Troglodytes aedon musicus* (Lawrence). See Bond, Checklist of birds of the West Indies, ed. 4, 120, 1956; Wetmore, Smithsonian Misc. Coll. 134 (9): 76, 1957.

74089. Adult male. Foot of La Soufrière, Saint Vincent Island, Windward Islands, Caribbean Sea. Oct. 30, 1877. Collected by Frederick A. Ober. Original number 421.

Thryothorus grenadensis Lawrence

Ann. New York Acad. Sci. 1 (6?) : 161, July 1878.

=*Troglodytes aedon grenadensis* (Lawrence). See Bond, Checklist of birds of the West Indies, ed. 4, p. 120, 1956; Wetmore, Smithsonian Misc. Coll. 134 (9) : 76, 1957.

74142. Adult female. Grand Étang, Grenada Island, Windward Islands, Caribbean Sea. March 1878. Collected by Frederick A. Ober. Original number 430.

Troglodytes tanneri Townsend

Proc. U.S. Nat. Mus. 13: 133, Sept. 9, 1890.

117515. Adult female. Clarion Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. Mar. 4, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Troglodytes brunneicollis nitidus Nelson

Proc. Biol. Soc. Washington 16: 158, Nov. 30, 1903.

143058. Adult male. Mount Zempoaltepec, State of Oaxaca, México. July 8, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2177. Received from the U.S. Fish and Wildlife Service.

Troglodytes (?) ochraceus Ridgway

Proc. U.S. Nat. Mus. 4: 334, Mar. 16, 1882.

=*Troglodytes solstitialis ochraceus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 246, 1934.

85547. Adult (sex not indicated). Volcán de Irazú, Province of Cartago, Costa Rica. Oct. 10, 1880. Collected by Juan J. Cooper. Received from José C. Zeledón.

Troglodytes festinus Nelson

Smithsonian Misc. Coll. 63 (3) : 22, Sept. 27, 1912.

=*Troglodytes solstitialis festinus* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 247, 1934.

238012. Adult male. Mount Pirri (at elev. 5,200 feet), near the head of the Río Limón, Province of Darién, Panamá. Apr. 18, 1912. Collected by Edward A. Goldman. Original number 15538. Received from the U.S. Fish and Wildlife Service.

Troglodytes parvulus bergensis Stejneger

Zeitschrift für die gesammte Ornithologie 1 (1) : 10 (footnote), March 1884.

=*Troglodytes troglodytes bergensis* Stejneger. See Løvenskiold, Håndbok over Norges Fugler, p. 313, 1947?

124430. Adult male. Gravdal (near Bergen), County of Hordaland, Norway. Oct. 20, 1878. Collected by Leonhard H. Stejneger. Original number 249. Received from Leonhard H. Stejneger, of whose private collection it once formed part.

124431. Adult male. Bergen, County of Hordaland, Norway. Nov. 7, 1880. Collected by Leonhard H. Stejneger. Original number 429. Received from Leonhard H. Stejneger, of whose private collection it once formed part.

The word "Type!" appears, in Stejneger's hand, on the label of each of these specimens.

Olbiorchilus fumigatus idius Richmond

in Blackwelder, Research in China 1(2): 498, pl. 59, July 24, 1907.

=*Troglodytes troglodytes idius* (Richmond). See Hartert, Vögel der paläarktischen Fauna 1 (6): 783, 1910.

192449. Adult male. Wang-kwai-chön, Province of Hopei, China. Jan. 16, 1904. Collected by Eliot Blackwelder. Original number 6017. Received from the Carnegie Institution of Washington.

Olbiorchilus fumigatus peninsulæ Clark

Proc. U.S. Nat. Mus. 32: 474, June 15, 1907.

=*Troglodytes troglodytes peninsulae* (Clark). See Austin, Bull. Mus. Comp. Zool. 101: 200, 1948.

114200. Adult female? (not female). Pusan, Province of South Kyongsang, Korea. Dec. 4, 1885. Collected by Pierre L. Jouy. Original number 1565.

Olbiorchilus fumigatus amurensis Clark

Proc. U.S. Nat. Mus. 32: 474, June 15, 1907.

=*Troglodytes troglodytes dauricus* Dybowski and Taczanowski? See Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsband 4: 341, 1935.

114661. Adult male. "Amur." April 1880. Received from Eugene Rey, of Leipzig, in whose private collection it was No. 29519.

Troglodytes fumigatus kurilensis Stejneger

Proc. U.S. Nat. Mus. 11: 548, Sept. 20, 1889.

=*Troglodytes troglodytes kurilensis* Stejneger. See Hartert, Vögel der paläarktischen Fauna 1 (6): 784, 1910.

96259. Adult (sex not indicated). Shasukotan Island (lat. 48°50′ N., long. 154°06′ E.), Kuril Islands, northern Pacific Ocean southwest of Kamchatka. July 1881. Collected by Henry J. Snow. Received from Thomas W. Blakiston, in whose private collection it was No. 2786.

Anorthura pallescens "Stejneger, MS." Ridgway

Proc. U.S. Nat. Mus. 6: 93, Aug. 2, 1883.

=*Troglodytes troglodytes pallescens* (Ridgway). See Hartert, Vögel der paläarktischen Fauna 1 (6): 784, 1910.

88994. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. Sept. 20, 1882. Collected by Leonhard H. Stejneger. Original number 1644.

Anorthura meligera Oberholser

Auk 17(1): 25, January 1900.

=*Troglodytes troglodytes meligerus* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 7: 252, 1934.

135647. Adult female. Attu Island, Aleutian Islands, Alaska. June 4, 1894. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Nannus troglodytes kiskensis Oberholser

Proc. U.S. Nat. Mus. 55: 226 (in list), 228, Apr. 28, 1919.

=*Troglodytes troglodytes kiskensis* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 7: 252, 1934.

230239. Adult male. Kiska Harbor, Kiska Island, Aleutian Islands, Alaska. June 19, 1911. Collected by Alexander Wetmore. Original number 559. Received from the U.S. Fish and Wildlife Service.

Nannus troglodytes tanagensis Oberholser

Proc. U.S. Nat. Mus. 55: 226 (in list), 230, Apr. 28, 1919.

=*Troglodytes troglodytes tanagensis* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 7: 252, 253, 1934.

230245. Adult male. Tanaga Bay, Tanaga Island, Aleutian Islands, Alaska. June 25, 1911. Collected by Alexander Wetmore. Original number 607. Received from the U.S. Fish and Wildlife Service.

Trogolodytes [*sic*] **trogloydtes** [*sic*] **seguamensis** Gabrielson and Lincoln

Proc. Biol. Soc. Washington 64: 73, May 14, 1951.

———. Adult male. Seguam Island, Aleutian Islands, Alaska. June 30, 1946. Collected by Ira N. Gabrielson. Deposited by Ira N. Gabrielson, in whose private collection it is No. 5614.

Troglodytes alascensis Baird

Trans. Chicago Acad. Sci. 1 (2): 280 [*nomen nudum*], 315, pl. 30, fig. 3 (not earlier than Oct. 22), 1869.

=*Troglodytes troglodytes alascensis* Baird. See Hellmayr, Catalogue of birds of the Americas 7: 252, 1934.

54447. Immature male. Saint George Island, Pribilof Islands, Bering Sea. Aug. 17, 1868. Collected by William H. Dall. Original number 1850. Western Union Company's Overland International Telegraph Expedition.

Nannus troglodytes petrophilus Oberholser

Proc. U.S. Nat. Mus. 55: 226 (in list), 232, Apr. 28, 1919.

=*Troglodytes troglodytes petrophilus* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 7: 253, 1934.

167340. Adult female. Unalaska Island, Aleutian Islands, Alaska. Oct. 23, 1900. Collected by Wilfred H. Osgood. Original number 569. Received from the U.S. Fish and Wildlife Service.

Nannus troglodytes stevensoni Oberholser

Proc. Biol. Soc. Washington 43: 151, Sept. 26, 1930.

=*Troglodytes troglodytes stevensoni* (Oberholser). See Hellmayr, Catalogue of birds of the Americas 7: 253, 1934.

298574. Adult male. Amak Island, Aleutian Islands, Alaska. July 16, 1925. Collected by Donald H. Stevenson. Original number 141. Received from the U.S. Fish and Wildlife Service.

Anorthura hiemalis helleri Osgood

Auk 18 (2) : 181, April 1901.

=*Troglodytes troglodytes helleri* (Osgood). See Hellmayr, Catalogue of birds of the Americas 7: 254, 1934.

167276. Adult male. English Bay (near Kodiak), Kodiak Island, Alaska. October 3, 1900. Collected by Wilfred H. Osgood and Edmund Heller. Original number 538. Received from the U.S. Fish and Wildlife Service.

Troglodytes hyemalis, var. **pacificus** Baird

Review of American birds 1: 138 (in key), 145, September 1864.

=*Troglodytes troglodytes pacificus* Baird. See Hellmayr, Catalogue of birds of the Americas 7: 254, 1934.

17434. Adult male. Camp Semiahmoo, New Westminster Electoral District, Province of British Columbia, Canada. Dec. 22, 1859. Collected by Caleb B. R. Kennerly. Original number 436. Northwestern Boundary Survey.

Troglodytes troglodytes salebrosus Burleigh

Proc. Biol. Soc. Washington 72(5) : 16, Apr. 22, 1959.

465530. Adult male. Dismal Lake, Shoshone County, Idaho. June 21, 1951. Collected by Thomas D. Burleigh. Original number 17217. Received from the U.S. Fish and Wildlife Service.

Troglodytes troglodytes aquilonaris Burleigh and H. S. Peters

Proc. Biol. Soc. Washington 61: 116, June 16, 1948.

394151. Adult male. Tompkins, Saint Georges District, southwestern Newfoundland Province, Canada. May 14, 1947. Collected by Thomas D. Burleigh. Original number 10304. Received from the U.S. Fish and Wildlife Service.

Nannus hiemalis pullus Burleigh

Proc. Biol. Soc. Washington 48: 61, May 3, 1935.

=*Troglodytes troglodytes pullus* (Burleigh). See A.O.U. Committee on Classification and Nomenclature, Auk 61: 456, 1944.

301275. Adult male. Mount Mitchell (at elev. 6,500 feet), Yancey County, North Carolina. July 11, 1931. Collected by Thomas D. Burleigh. Original number 1571. Received from the U.S. Fish and Wildlife Service.

Genus THRYORCHILUS Oberholser

Thryorchilus basultoi Ridgway

Proc. Biol. Soc. Washington 21: 191, Oct. 20, 1908.

=*Thryorchilus browni basultoi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 255, 1934.

209935. Adult female. Las Vueltas de Dota, Province of Cartago, Costa Rica. May 21, 1908. Collected by Francisco L. Basulto. Museum-Zeledón Expedition.

Genus HENICORHINA Sclater and Salvin

Henicorhina leucophrys festiva Nelson

Proc. Biol. Soc. Washington 16: 158, Nov. 30, 1903.

186596. Adult male. Omilteme, State of Guerrero, México. May 23, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 10018. Received from the U.S. Fish and Wildlife Service.

Henicorhina mexicana Nelson

Auk 14 (1) : 73, January 1897.

=*Henicorhina leucophrys mexicana* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 270, 1934.

143007. Adult male. Jico, State of Veracruz, México. June 24, 1893. Collected by Edward W. Nelson. Original number 1272. Received from the U.S. Fish and Wildlife Service.

Henicorhina leucophrys capitalis Nelson

Auk 14 (1) : 74, January 1897.

143018. Adult male. Pinabete, State of Chiapas, México. Feb. 8, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3439. Received from the U.S. Fish and Wildlife Service.

Henicorhina hilaris bangsi Ridgway

Proc. Biol. Soc. Washington 16: 168, Nov. 30, 1903.

=*Henicorhina leucophrys bangsi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 267, 1934.

163791. Adult male. San Francisco ("a small Indian hamlet in the valley of the Rio Ancha, a few miles above Pueblo Viejo," *fide* Todd and Carriker, Ann. Carnegie Mus. 14: 124, 1922), Sierra Nevada de Santa Marta, Department of Magdalena, Colombia. June 1, 1898. Collected by Wilmot W. Brown, Jr. Received from Outram Bangs.

Henicorhina hilaris "Stolz. MS." von Berlepsch and Taczanowski

Proc. Zool. Soc. London, for 1884 (3) : 284, Oct. 1, 1884.

=*Henicorhina leucophrys hilaris* von Berlepsch and Taczanowski. See Hellmayr, Catalogue of birds of the Americas 7: 265, 1934.

108223. Adult male. Cayandeled, Province of Chimborazo, Ecuador. Jan. 23, 1883. Collected by Jean Stolzmann and Joseph Siemiradski. Received from Hans von Berlepsch.

The describers based this form upon a series of eleven males and three females, all of which are cotypes. Although Stolzmann and Domaniewski (Ann. Zool. Mus. Polonici 6: 154, 1927) have claimed that a specimen from Chaguarpata is the type, it is, of course, only a lectotype chosen from a partly dispersed series.

Genus NANNORCHILUS Ridgway

Hemiura pacifica Nelson

Auk 14 (1) : 72, January 1897.

=*Nannorchilus leucogaster pacificus* (Nelson). See Hellmayr, Catalogue of birds of the Americas 7: 271, 1934.

142935. Adult male. Manzanillo, State of Colima, México. Feb. 8, 1892 (not 1896). Collected by Edward W. Nelson. Original number 46. Received from the U.S. Fish and Wildlife Service.

Cyphorinus pusillus Sclater

Proc. Zool. Soc. London 27 (3) : 372, February 1860.

=*Nannorchilus leucogaster leucogaster* (Gould), *fide* Wetmore (MS.).

22386. Adult male. Playa Vicente, State of Oaxaca, México. May 1859. Collected by Adolphe Boucard. Received from the Maison Verreaux, Paris.

Sclater based this form upon four specimens of the same place and date, only one of which was retained in his own collection. Although he later listed his own bird as the type (Catalogue of a collection of American birds, p. 20, 1862), each member of the original series is nevertheless an equivalent cotype.

Hemiura leucogastra musica Nelson

Proc. Biol. Soc. Washington 16: 159, Nov. 30, 1903.

=*Nannorchilus leucogaster musicus* (Nelson). See Hellmayr, Catalogue of birds of the Americas 7: 272, 1934.

166306. Adult male. Teapa, State of Tabasco, México. Mar. 20, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 6765. Received from the U.S. Fish and Wildlife Service.

Genus SALPINCTES Cabanis

Salpinctes obsoletus pulverius Grinnell

Auk 15 (3) : 238, July 1898.

=*Salpinctes obsoletus obsoletus* (Say). See Grinnell, Univ. California Publ. Zool. 38: 293, 1932.

162710. Adult male. San Nicolas Island, Ventura County, California. May 19, 1897. Collected by Joseph Grinnell. Original number 2615. Received from Joseph Grinnell.

Salpinctes obsoletus guadeloupensis Ridgway

Bull. U.S. Geol. and Geogr. Surv. Terr. 2 (2) : 185, 1876.

80427=70043 reentered. Adult male. Guadalupe Island (lat. 29°00′ N., long. 118°15′ W.), eastern Pacific Ocean off the State of Baja California, México. Feb. 24, 1875. Collected by Edward Palmer. Original number 13.

70044. Adult male. Same data as No. 70043. Original number 13.

70045. Adult male. Same data as No. 70043. Original number 13.

80428=70047 reentered. Adult female. Same data as No. 70043. Original number 14.

70049. Adult female. Same data as No. 70043. Original number 14.

70050. Adult female. Same data as No. 70043. Original number 14.

70051. Adult female. Same data as No. 70043. Original number 28.

70052. Adult female. Same data as No. 70043. Original number 38.

Each of the ten specimens of Ridgway's original series is an equivalent cotype. No. 70046, a female, was sent in 1877 to George N. Lawrence, and is now presumably in the American Museum of Natural History; No. 70048, another female, was sent to Osbert Salvin on April 13, 1883, and should be sought in the collection of the British Museum (Natural History).

Nos. 70043 and 70047 at some time entered the private collection of Robert Ridgway, had their original labels removed, and, when returned to the Museum in 1880, were entered into the register under wholly new numbers.

Salpinctes obsoletus exsul Ridgway

Proc. Biol. Soc. Washington 16: 169, Nov. 30, 1903.

117502. Adult male. San Benedicto Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. Mar. 10, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Salpinctes obsoletus notius Ridgway

Proc. Biol. Soc. Washington 16: 168, Nov. 30, 1903.

142868. Adult male. Tlalpam, Distrito Federal, México. Dec. 8, 1892. Collected by Edward W. Nelson. Original number 528. Received from the U.S. Fish and Wildlife Service.

Salpinctes obsoletus neglectus Nelson

Auk 14 (1): 70, January 1897.

142866. Adult male. Hacienda "Chancol" ("located at nearly 11,000 feet, near the crest of a high range of mountains, about twenty-five miles northeast of Huehuetenango," *fide* Goldman, *in* Griscom, Bull. Amer. Mus. Nat. Hist. 64: 418, 1932), Department of Huehuetenango or El Quiché, Guatemala. Jan. 3, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3330. Received from the U.S. Fish and Wildlife Service.

Salpinctes maculatus Ridgway

Proc. Biol. Soc. Washington 16: 169, Nov. 30, 1903.

=*Salpinctes obsoletus neglectus* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 275, 1934.

150904. Adult male. Joyabaj (not Toyabaj), Department of El Quiché, Guatemala. May 17 (not 7), 1892. Collected by H. Th. Heyde and Ernesto Lux. Original number 112.

Genus CATHERPES Baird

Catherpes mexicanus griseus Aldrich

Proc. Biol. Soc. Washington 59: 131, Oct. 25, 1946.

=*Catherpes mexicanus conspersus* Ridgway. See Miller, Condor 50: 83–85, 1948.

367804. Adult male. Logy Creek, Yakima Indian Reservation, Yakima County, Washington. Apr. 20, 1943. Collected by Stanley G. Jewett. Original number 1603. Received from the U.S. Fish and Wildlife Service.

Catherpes mexicanus punctulatus Ridgway

Proc. U.S. Nat. Mus. 5: 343, Sept. 11, 1882.

=*Catherpes mexicanus conspersus* Ridgway. See Miller, Condor 50: 83–85, 1948.

82715. Adult male. Foresthill, Placer County, California. Oct. 7, 1862. Collected by Ferdinand Gruber. Received from Robert Ridgway, who acquired it from Elliott Coues.

79153 (not 79154). Adult female. "Calaveras River 30 miles east of Stockton," Calaveras County, California. 1879. Collected by Lyman Belding.

Catherpes Mexicanus, var. **conspersus** Ridgway

American Naturalist 7 (10): 603, October 1873.

=*Catherpes mexicanus conspersus* Ridgway. See Miller, Condor 50: 83–85, 1948.

53425. Adult male. Washoe Mountains, near "Fort Churchill," Washoe County, Nevada. Dec. 7, 1867. Collected by Robert Ridgway. Original number 345. U.S. Geological Exploration of the 40th Parallel.

Catherpes mexicanus meliphonus Oberholser

Sci. Publ. Cleveland Mus. Nat. Hist. 1 (4): 95, Dec. 31, 1930.

=*Catherpes mexicanus mexicanus* (Swainson). See Van Rossem, Occas. Pap. Mus. Zool., Louisiana State Univ. 21: 191, 1945.

151924. Adult male. Álamos (lat. 27°01′ N., long. 108°58′ E., *fide* Van Rossem, *op. cit.*, p. 303), State of Sonora, México. Feb. 14, 1888. Collected by M. Abbott Frazar. Received from William Brewster.

Catherpes mexicanus polioptilus Oberholser

Auk 20 (2): 197, April 1903.

=*Catherpes mexicanus albifrons* (Giraud). See Grinnell and Behle, Condor 37: 247–251, 1935; Van Tyne and Sutton, Misc. Publ. Mus. Zool. Univ. Michigan 37: 69–70, 1937.

168350. Adult male. "Deer Mountain (opposite Mount Emory to the east), Chisos Mountains," Brewster County, Texas. June 14, 1901. Collected by Harry C. Oberholser. Original number 356. Received from the U.S. Fish and Wildlife Service.

Certhia albifrons Giraud

Description of sixteen new species of North American birds, [p. 31,] pl. 8, 1841.

=*Catherpes mexicanus albifrons* (Giraud). See Hellmayr, Catalogue of birds of the Americas 7: 277, 1934.

47702. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Musicapa texensis* Giraud (p. 275).

Genus HYLORCHILUS Nelson

Catherpes sumichrasti Lawrence

Proc. Acad. Nat. Sci. Philadelphia, for 1871: 233, Dec. 12, 1871.

=*Hylorchilus sumichrasti* (Lawrence). See Nelson, Auk 14: 71–72, 1897.

51652. Adult (sex not indicated). Mata del Bejuco, State of Veracruz, México. April 1868. Collected by T. Labarraque. Received from A. L. François Sumichrast.

Genus MICROCERCULUS Sclater

Microcerculus orpheus Ridgway

Proc. U.S. Nat. Mus. 11: 539, Sept. 20, 1889.

=*Microcerculus marginatus philomela* (Salvin). See Griscom, Bull. Mus. Comp. Zool. 72: 360–365, 1932; Hellmayr, Catalogue of birds of the Americas 7: 282 (footnote 1), 283 (footnote 1), 1934.

115037. Adult (sex not indicated). Río Pacuare, Province of Limón, Costa Rica. 1876. Collected by Juan J. Cooper. Original number 779. Received from José C. Zeledón, in whose private collection it was No. 934.

Microcerculus daulias Ridgway

Proc. U.S. Nat. Mus. 10: 508, Aug. 6, 1888.

=*Microcerculus marginatus philomela* (Salvin). See Griscom, Bull. Mus. Comp. Zool. 72: 360–365, 1932; Hellmayr, Catalogue of birds of the Americas 7: 282 (footnote 1), 283 (footnote 1), 1934.

68287. Immature (not adult) male. "Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). May 1874. Collected by Juan J. Cooper. Original number 283. Received from William M. Gabb.

Microcerculus pectoralis Richmond

in Robinson and Richmond, Proc. U.S. Nat. Mus. 24: 178, Oct. 3, 1901.

=*Microcerculus marginatus squamulatus* Sclater and Salvin. See Griscom, Bull. Mus. Comp. Zool. 72: 360–365, 1932; Hellmayr, Catalogue of birds of the Americas 7: 283 (footnote 2), 284, 1934.

175251. Adult female. La Guaira, Federal District, Venezuela. July 2, 1900. Collected by Wirt Robinson. Original number 1451.

Genus LEUCOLEPIS Reichenbach

C[yphorhinus]. thoracicus von Tschudi

Archiv für Naturgeschichte 10 (1): 282, 1844.

=*Leucolepis thoracica thoracica* (von Tschudi). See Hellmayr, Catalogue of birds of the Americas 7: 287, 1934.

41922. Adult (sex not indicated). "Perú"="Montañas von Uchubamba," Department of Junín, Perú (see von Tschudi, Untersuchungen über die Fauna Peruana, Orn., p. 184, 1846). Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

Although Hellmayr (*loc. cit.*) has stated that the "type [is] in [the] Neuchâtel Museum," he has not claimed to have examined it, and it should be noted that this species did not find a place in a paper on von Tschudi's types in Neuchâtel published by von Berlepsch and Hellmayr (Journ. für Orn. 53: 6–20, 1905).

That von Tschudi had more than one specimen is shown, however, by the fact that Sclater and Salvin (Proc. Zool. Soc. London, for 1873: 257, footnote, 1873) have referred to a cotype in the collection of the museum at Bremen.

Cyphorhinus griseolateralis Ridgway

Proc. U.S. Nat. Mus. 10: 518, Aug. 6, 1888.

=*Leucolepis arada griseolateralis* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 289, 1934.

120774. Adult (sex not indicated). "Diamantina Mts.," near Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. July 15, 1887. Collected by Clarence B. Riker.

Family MIMIDAE: Thrashers, Mockingbirds

Genus TOXOSTOMA Wagler

H[arporhynchus]. longicauda Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xxxv (in list), 353, 1858.

=*Toxostoma rufum longicauda* (Baird). See Wetmore, Proc. U.S. Nat. Mus. 86: 214–215, 1939.

5651. Adult female. South Fork of the Republican River, Cheyenne County, Kansas. Sept. 26, 1856. Collected by William S. Wood, Jr. Original number 358. Wagon Road Expedition from Fort Riley to Bridger's Pass.

5652. Adult male. South Fork of the Republican River, Cheyenne County, Kansas. Sept. 26, 1856. Collected by William S. Wood, Jr. Original number 357. Wagon Road Expedition from Fort Riley to Bridger's Pass.

A third cotype, No. 4703, from Running Water, Bon Homme County, South Dakota, cannot now be found in the collection.

Harporhynchus longirostris sennetti Ridgway

Proc. U.S. Nat. Mus. 10: 506, Aug. 6, 1888.

=*Toxostoma longirostre sennetti* (Ridgway). See A.O.U., Checklist of North American birds, ed. 4, p. 252, 1931.

112298. Adult male. Lomita Ranch, Hidalgo County, Texas. Apr. 12, 1878. Collected by George B. Sennett. Original number 2504. Received from George B. Sennett.

112299. Adult male. Lomita Ranch, Hidalgo County, Texas. 1879. Collected by George B. Sennett. Original number 2517. Received from George B. Sennett.

Ridgway based this race upon a series of nineteen adult cotypes from "southern Texas," an unknown number of which were lent for his study by Sennett. Ten adults that presumably lay before Ridgway are still in Washington, but it seems to me advisable to consider here only the three specimens from the subsequently restricted type locality, one of which, No. 112296, is not now to be found in the collection. It is probable that other topotypical cotypes will be found in the American Museum of Natural History.

Harporhynchus guttatus Ridgway

Proc. Biol. Soc. Washington 3: 21 [p. 1 of extra], Feb. 26, 1885.

=*Toxostoma guttatum* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 296, 1934.

102454. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán. México. Jan. 23, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Harporhynchus cinereus Xántus

Proc. Acad. Nat. Sci. Philadelphia 11: 298 (not earlier than Nov. 29), 1859.

=*Toxostoma cinereum cinereum* (Xántus). See Hellmayr, Catalogue of birds of the Americas 7: 297, 1934.

12957. Adult male. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 496.

12960. Adult female. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 521.

13038. Immature (sex not indicated). Cape San Lucas, State of Baja California, México. June 1859. Collected by John Xántus. Original number 769.

Xántus named this thrasher after a first "sojourn of several months at Cape St. Lucas," and any of his specimens taken between Apr. 20, 1859 (when he began work there) and July 14, 1859, may probably be considered cotypes. The final date is derived from the fact that the first of his shipments from Cape San Lucas, received in Washington not later than Oct. 22, 1859, and accompanied by his unpublished manuscript, contained no material taken later than July 14.

Six specimens were included in the first shipment, and at least 23, taken between the critical dates, were temporarily retained by Xántus, not reaching the museum until 1863.

Since the earlier six were sent on by the author himself as samples for Baird's inspection, one may feel that these have a special claim to typeship, and it is certainly more convenient to give them a preferred status, as has been done here. Three of them are no longer in the museum: these are No. 12958, sent to A. Nehrkorn on Jan. 26, 1886; No. 12959, sent to Alexander D. Bache in February 1860; No. 13037, sent to F. Ferrari-Pérez in December 1885.

No. 12957, made the lectotype by Richmond and/or Ridgway, has had the misfortune to have become part of the latter's private collection, and to have had its original label replaced by two labels with incomplete data in Ridgway's hand!

Harporhynchus Bendirei Coues

American Naturalist 7 (6) : 330 (footnote), fig. 69 (p. 329), June 1873.

=*Toxostoma bendirei bendirei* (Coues). See Van Rossem, Trans. San Diego Soc. Nat. Hist. 9: 381–382, 1942.

100505. Adult male. Tucson, Pima County, Arizona. Nov. 9, 1872. Collected by Charles E. Bendire. Received from Elliott Coues (in whose private collection it was No. 2687), who acquired it from Charles E. Bendire.

100504. Adult female. Tucson, Pima County, Arizona. July 28, 1872. Collected by Charles E. Bendire. Received from Elliott Coues (in whose private collection it was No. 2688), who acquired it from Charles E. Bendire.

Harporhynchus curvirostris masculatus Nelson

Auk 17 (3) : 269, July 1900.

=*Toxostoma curvirostre maculatum* (Nelson). See Van Rossem, Occas. Pap. Mus. Zool., Louisiana State Univ. 21: 194, 1945.

164734. Adult male. Álamos (lat. 27°01′ N., long. 108°58′ W., *fide* Van Rossem, *op cit.*, p. 303), State of Sonora, México. Dec. 23, 1898. Collected by Edward A. Goldman. Original number 5989. Received from the U.S. Fish and Wildlife Service.

Methriopterus curvirostris occidentalis Ridgway

Proc. U.S. Nat. Mus. 5: 9, June 14, 1882.

=*Toxostoma curvirostre occidentale* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 299, 1934.

37326. Adult male. Mazatlán, State of Sinaloa, México. Entered into the museum register on Apr. 27, 1865. Collected by Andrew J. Grayson. Original number 308.

51525. Adult male. Mazatlán, State of Sinaloa, México. March 1868. Collected by Ferdinand Bischoff.

52789. Adult male. Tepic, State of Nayarit, México. December 1865. Collected by Andrew J. Grayson. Original number 310.

Ridgway based this thrasher upon an indeterminable number of cotypes, but, in a footnote, stated that measurements were taken from four adults, and it must be assumed that not more than this number of specimens lay before him.

The three listed above seem unquestionably to deserve the status of cotypes, but it is perhaps no longer possible to decide which of two represents the fourth of the series. These are Nos. 51523 and 51524. The former was sent to William Brewster in 1873, given his private label with the number 562 (which number does not appear in his private register, now preserved at the Museum of Comparative Zoölogy), and at some time returned, without extant explanation, to the U.S. National Museum. If returned prior to the time Ridgway described *M. c. occidentalis,* it presumably formed part of the series, but this cannot be proved. No. 51524, on the other hand, supposed never to have left Washington, has vanished without trace. In the circumstances, it seems to me best to treat as cotypes only Nos. 37326, 51525, and 52789.

No. 52789 spent a period as part of Ridgway's private collection, during which time it lost its original label and was given Ridgway's number 1990.

Toxostoma curvirostris oberholseri Law

Condor 30 (2) : 151, Mar. 15, 1928.

=*Toxostoma curvirostre oberholseri* Law. See Hellmayr, Catalogue of birds of the Americas 7: 298, 1934.

165931. Adult female. San Diego, Duval County, Texas. Apr. 17, 1900. Collected by Harry C. Oberholser. Original number 102. Received from the U.S. Fish and Wildlife Service.

Harporhynchus redivivus pasadenensis Grinnell

Auk 15 (3) : 237, July 1898.

=*Toxostoma redivivum redivivum* (Gambel). See Grinnell, Univ. California Publ. Zool. 38: 294, 1932.

163068. Adult male. "Pasadena"="more exactly, Eaton Cañon 'wash', some 3 miles southeast of Altadena" (see Grinnell, *loc. cit.*), Los Angeles County, California. Feb. 6, 1897. Collected by Joseph Grinnell. Original number 2056. Received from Joseph Grinnell.

Genus MELANOTIS Bonaparte

Melanotis cærulescens longirostris Nelson

Proc. Biol. Soc. Washington 12: 10, Jan. 27, 1898.

=*Melanotis caerulescens longirostris* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 303, 304, 1934.

156923. Adult male. María Madre Island, Tres Marías Islands, off the State of Nayarit, México. May 4, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4242. Received from the U.S. Fish and Wildlife Service.

Genus MIMODES Ridgway

Harporhynchus graysoni "Baird, MS." Lawrence

Ann. Lyc. Nat. Hist. New York 10 (1–3) : 1, "February–March" 1871.

=*Mimodes graysoni* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 7: 305, 1934.

39987 (not 59987). Adult male. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. June 1865. Collected by Andrew J. Grayson.

The "pale yellowish fulvous" of the under parts, mentioned in Lawrence's description, is a result of the specimen's having been originally preserved in alcohol.

Genus DUMETELLA "S.D.W."

Dumetella carolinensis ruficrissa Aldrich

Proc. Biol. Soc. Washington 59: 132, Oct. 25, 1946.

262173. Adult male. Colville Lake (near Sprague), Lincoln *or* Adams County, Washington. June 10, 1918. Collected by Walter P. Taylor. Original number 294. Received from the U.S. Fish and Wildlife Service.

Dumetella carolinensis meridianus Burleigh

Oriole 24(3–4) : [29,] January 1960.

382266. Adult male. Athens, Clarke County, Georgia. June 4, 1946. Collected by Thomas D. Burleigh. Original number 9497. Received from the U.S. Fish and Wildlife Service.

Although this number of "The Oriole" is dated "September–December 1959," it did not reach Washington until January 18, 1960; the author, in Washington, received his reprints at a still later date.

Genus MIMUS Boie

Mimus canadatus [*sic*] Baird

In Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: "xxxxv"=xxxv (in list, where spelled *caudatus*), 345, 1858.

=*Mimus polyglottos leucopterus* (Vigors). See Grinnell, Univ. California Publ. Zool. 38: 294, 1932.

8159. Subadult male. "Los Angeles Valley"=vicinity of Los Angeles, Los Angeles County, California. October–November 1853. Collected by Adolphus L. Heermann. Pacific Railroad Survey, California Line.

8165. Subadult (sex not indicated). "Gila bottom"=vicinity of Yuma, Yuma County, Arizona. December 1854. Collected by Arthur C. V. Schott. Original number 26. United States-Mexican Boundary Survey.

Mimus Bahamensis H. Bryant

Proc. Boston Soc. Nat. Hist. 7: 114 (not earlier than September) 1859.

=*Mimus gundlachii gundlachii* Cabanis. See Hellmayr, Catalogue of birds of the Americas 7: 311, 1934.

13505. Adult (sex not indicated). "Bahama Kays" (*fide* museum label, written by Baird)=Nassau, New Providence Island, Bahama Islands, Caribbean Sea (*fide* entry in museum register, written by Baird). Jan. 20–May 14, 1859. Collected by Henry Bryant. Received from Henry Bryant.

This form was based upon an indeterminate number of cotypes. In addition to ours, at least two others are known: these are Nos. 46870 and 46871 of the Museum of Comparative Zoology.

Mimus Hillii March

Proc. Acad. Nat. Sci. Philadelphia, for 1863 (6) : 291 (not earlier than Nov. 24), 1863.

=*Mimus gundlachii hillii* March. See Bond, Checklist of birds of the West Indies, ed. 3, p. 113, 1950.

26801. Adult male. Reid's Pen, near Great Salt Pond, St. Catherine Parish, Middlesex County, Jamaica. October 1862. Collected by William T. March. Original number 29.

26802. Adult female. Great Salt Pond, St. Catherine Parish, Middlesex County, Jamaica. Nov. 1, 1862. Collected by William T. March. Original number 29.

370460. Adult male. Reid's Pen, near Great Salt Pond, St. Catherine Parish, Middlesex County, Jamaica. October 1862. Collected by William T. March. Original number 29.

There was at least one other cotype, No. 26803, which was sent to Henry B. Tristram on June 9, 1870, and may now be preserved in the British Museum (Natural History).

No. 370460 was discovered without a number and first entered into the museum register on Feb. 3, 1942. On the reverse side of the label is written in Lawrence's hand: "Return to G[eorge]. N[ewbold]. L[awrence]." It may be supposed that the specimen was set aside for Lawrence when March's collection first arrived at Washington.

Mimus gilvus lawrencei Ridgway

Proc. U.S. Nat. Mus. 5: 10, June 14, 1882.

=*Mimus gilvus gracilis* Cabanis. See Hellmayr, Catalogue of birds of the Americas 7: 320, footnote 1, 1934.

59677. Adult male (not female). Tehuantepec, State of Oaxaca, México. October 8 (not 29), 1869. Collected by A. L. François Sumichrast. Original number 879.

59678. Adult female (not male). Tehuantepec, State of Oaxaca, México. October 29 (not 8), 1869. Collected by A. L. François Sumichrast. Original number 879.

Mimus gilvus guatemalensis Ridgway

Smithsonian Misc. Coll. 47 [Quarterly Issue 2(1)] : 113, Aug. 6, 1904.

=*Mimus gilvus gracilis* Cabanis. See Hellmayr, Catalogue of birds of the Americas 7: 320 (footnote 1), 1934.

150906. Adult male. Capetillo, Department of Suchitepéquez, Guatemala. Nov. 18, 1890. Collected by H. Th. Heyde and Ernesto Lux. Original number 224.

Mimus gracilis leucophæus Ridgway

Proc. U.S. Nat. Mus. 10: 506, Aug. 6, 1888.

=*Mimus gilvus leucophaeus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 321, 1934.

102447. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. Jan. 24, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

102448. Adult (sex not indicated). Jan. 28, 1885. Other data same as for 102447.

102449. Adult male. Jan. 24, 1885. Other data same as for 102447.

102450. Adult (sex not indicated). Jan. 23, 1885. Other data same as for 102447.

102451. Adult male. Jan. 22, 1885. Other data same as for 102447.

102452. Adult female. Jan. 22, 1885. Other data same as for 102447.

102453. Adult (sex not indicated). Jan. 22, 1885. Other data same as for 102447.

Mimus gilvus rostratus Ridgway

Proc. U.S. Nat. Mus. 7: 173, Sept. 1, 1884.

97927. Adult male. Curaçao Island, Caribbean Sea off the State of Falcón, Venezuela. Feb. 10–18, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

97928. Adult female. Curaçao Island. Feb. 10–18, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

Mimus patagonicus tricosus Wetmore and J. L. Peters

Proc. Biol. Soc. Washington 36: 145, May 1, 1923.

=*Mimus patagonicus* (d'Orbigny and Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 7: 322 (footnote 1), 1934.

237199. Adult male. Luján de Cuyo, Province of Mendoza, Argentina. July 8, 1912. Collected by (or for) Renato Sanzin. Original number 33. Received from Carlos S. Reed.

Mimus peruvianus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 87, "pl. XXIV, fig. 2," 1848.

=*Mimus longicaudatus longicaudatus* von Tschudi. See Hellmayr, Catalogue of birds of the Americas 7: 325, 1934.

14486. Adult female. Near Callao, Department of Callao, Perú. July 1839. U.S. Exploring Expedition (1838–1842).

Genus NESOMIMUS Ridgway

Nesomimus personatus Ridgway
Proc. U.S. Nat. Mus. 12: 104, Feb. 5, 1890.
=*Nesomimus parvulus personatus* Ridgway. Hee Hellmayr, Catalogue of birds of the Americas 7: 337, 1934.
116098. Adult male. Abingdon (Pinta) Island, Galápagos Islands (Archipiélago de Colón), eastern Pacific Ocean off Ecuador. Apr. 16, 1888. Received from the U.S. Fish Commission.

Nesomimus macdonaldi Ridgway
Proc. U.S. Nat. Mus. 12: 103, fig. 1, Feb. 5, 1890.
116066. Adult male. Hood (Española) Island, Galápagos Islands (Archipiélago de Colón), eastern Pacific Ocean off Ecuador. Apr. 7, 1888. Received from the U.S. Fish Commission.

Genus ALLENIA Cory

Margarops albiventris Lawrence
Ann. New York Acad. Sci. 4 (1–2) : 23 (not earlier than Feb. 28), 1887.
=*Allenia fusca* (P. L. S. Müller). See Hellmayr, Catalogue of birds of the Americas 7: 339, 340, 1934.
189817. Adult female. "The Park," St. Andrew Parish, Grenada Island, Windward Islands, Caribbean Sea. Jan. 19, 1887. Collected by John G. Wells.

Although this number of the Annals is dated "June," a separate of Lawrence's paper was received at the U.S. National Museum on Apr. 6, 1887.

Genus CINCLOCERTHIA G. R. Gray

Cinclocerthia ruficauda pavida Ridgway
Smithsonian Misc. Coll 47 [Quarterly Issue 2(1)]: 113, Aug. 6, 1904.
80925. Adult male. Saint Christopher (Saint Kitts) Island, Leeward Islands, Caribbean Sea. Entered into the museum register on Oct. 23, 1880. Collected by Frederick A. Ober. Original number 218.

Cinclocerthia ruficauda tenebrosa Ridgway
Smithsonian Misc. Coll. 47 [Quarterly Issue 2(1)]: 112, Aug. 6, 1904.
74060. Adult male. Carabries Mountain, Saint Vincent Island, Windward Islands, Caribbean Sea. Feb. 8, 1878. Collected by Frederick A. Ober. Original number 469.

Family TURDIDAE: Thrushes

Genus LUSCINIA T. Forster

Luscinia davidi gloriosa Sushkin
Auk 43 (2) : 181, Apr. 7, 1926.
=*Luscinia pectardens* (David). See Hartert and Steinbacher, Die Vögel der paläarktischen Fauna, Ergänzungsband (4) : 326, 1935.

297006. Adult male. Between Yulo and Nguluko, western slopes of the Likiang Mountains, northwestern Yunnan Province, China. May 24, 1923. Collected by Joseph F. C. Rock. Original number 499. National Geographic Society's Yunnan Province Expedition.

Icoturus namiyei Stejneger

Proc. U.S. Nat. Mus. 9: 644, Mar. 9, 1887.

=*Luscinia komadori namiyei* (Stejneger). See Orn. Soc. Japan, Hand-list of the Japanese birds, ed. 3, rev., p. 74, 1942.

109474. Adult male. Nagogatake (a mountain at lat. 26°35′ N., long. 128°01′ E.), Okinawa Island, Ryu Kyu Islands, East China Sea. Mar. 21, 1886. Collected by M. Namiye. Received from the Tokyo Educational Museum.

Cyanecula abbotti Richmond

Proc. U.S. Nat. Mus. 18: 484, June 24, 1896.

=*Luscinia svecica abbotti* (Richmond). See Hartert, Vögel der paläarktischen Fauna 1 (6): 750, 1910.

150370. Adult male. Nubra Valley (at elev. 10,000 feet), not far above the confluence of the Nubra and Shiok Rivers, Ladakh District, Jammu and Kashmir State, India. July 16, 1893. Collected by William L. Abbott.

Genus BRACHYPTERYX Horsfield

Heteroxenicus nangka Riley

Proc. Biol. Soc. Washington 45: 59, Apr. 2, 1932.

=*Brachypteryx leucophris carolinae* La Touche. See Deignan, U.S. Nat. Mus. Bull. 186: 406, 407, 1945.

330582. Adult male. Pang Mae Ton (lat. 18°55′ N., long 99°15′ E.), Chiang Mai Province, Thailand. Apr. 29, 1931. Collected by Hugh McC. Smith. Original number 4722.

Brachypteryx malindangensis Mearns

Proc. U.S. Nat. Mus. 36: 441, May 22, 1909.

=*Brachypteryx montana malindangensis* Mearns. See Delacour, *in* Delacour and Mayr, Birds of the Philippines, p. 179, 1946.

202137. Adult female. Summit of Mount Malindang (elev. 9,000 feet), Province of Misamis, Mindanao Island, Philippine Islands. June 5, 1906. Collected by Edgar A. Mearns. Original number 14269.

Brachypteryx mindanensis Mearns

Proc. Biol. Soc. Washington 18: 3, Jan. 20, 1905.

=*Brachypteryx montana mindanensis* Mearns. See Delacour, *in* Delacour and Mayr, Birds of the Philippines, p. 179, 1946.

192255. Adult female. Mount Apo (at elev. 6,000 feet), Province of Dávao, Mindanao Island, Philippine Islands. June 21, 1904. Collected by Edgar A. Mearns. Original number 13546.

Genus COPSYCHUS Wagler

Cittocincla superciliaris Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1) : 23, Dec. 8, 1894.

=*Copsychus luzoniensis superciliaris* (Bourns and Worcester). See Delacour, *in* Delacour and Mayr, Birds of the Philippines, p. 180, 1946.

316165. Adult male. Palanoc, Masbate Island, Philippine Islands. Nov. 4, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3980 of the Menage Collection.

316166. Subadult male. Palanoc, Masbate Island, Philippine Islands. Nov. 14, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3982 of the Menage Collection.

Kittacincla malabarica pellogyna Oberholser

Smithsonian Misc. Coll. 76 (6) : 4, July 16, 1923.

=*Copsychus malabaricus pellogynus* (Oberholser), *fide* Deignan (MS.).

173176. Adult female. Bok Pyin (lat. 11°16′ N., long. 98°46′ E.), Mergui District, Tenasserim Division, Burma. Feb. 14, 1900. Collected by William L. Abbott.

Kittacincla malabarica lamprogyna Oberholser

Smithsonian Misc. Coll. 76 (6) : 5, July 16, 1923.

=*Copsychus malabaricus pellogynus* (Oberholser), *fide* Deignan (MS.).

173173. Adult female. Saint Luke Island, Mergui Archipelago, Mergui District, Tenasserim Division, Burma. Jan. 21, 1900. Collected by William L. Abbott.

Kittacincla melanura hypoliza Oberholser

Smithsonian Misc. Coll. 60 (7) : 13, Oct. 26, 1912.

=*Copsychus malabaricus melanurus* (Salvadori). See Ripley, Bull. Mus. Comp. Zool. 94: 391–392, 1944; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

179300. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 3, 1902. Collected by William L. Abbott.

Kittacincla melanura opisthochra Oberholser

Smithsonian Misc. Coll. 60 (7) : 13, Oct. 26, 1912.

=*Copsychus malabaricus melanurus* (Salvadori). See Ripley, Bull. Mus. Comp. Zool. 94: 391–392, 1944; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

179299. Adult female. Pulau Lasia, Tapah Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 7, 1902. Collected by William L. Abbott.

Kittacincla melanura pagensis Oberholser

Smithsonian Misc. Coll. 76 (6) : 3, July 16, 1923.

=*Copsychus malabaricus melanurus* (Salvadori). See Ripley, Bull. Mus. Comp. Zool. 94: 391–392, 1944; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

180079. Subadult male. North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 9, 1903. Collected by William L. Abbott.

Kittacincla malabarica opisthisa Oberholser

Smithsonian Misc. Coll. 60 (7) : 13, Oct. 26, 1912.

=*Copsychus malabaricus opisthopelus* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 392, 1944; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

179301. Adult male. Pulau Tuangku, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 23, 1902. Collected by William L. Abbott.

Kittacincla malabarica opisthopela Oberholser

Smithsonian Misc. Coll. 60 (7) : 13, Oct. 26, 1912.

=*Copsychus malabaricus opisthopelus* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 392, 1944; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

180090. Adult female. Pulau Tana Bala, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 5, 1903. Collected by William L. Abbott.

Kittacincla malabarica mallopercna Oberholser

Smithsonian Misc. Coll. 76 (6) : 5, July 16, 1923.

=*Copsychus malabaricus mallopercnus* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 236, 1935; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

178969. Adult female. Pulau Singkep (lat. 0°30′ S., long. 104°25′ E.), Lingga Islands, South China Sea off Sumatra. May 18, 1901. Collected by William L. Abbott.

Kittacincla malabarica abbotti Oberholser

Smithsonian Misc. Coll. 76 (6) : 5, July 16, 1923.

=*Copsychus malabaricus abbotti* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 237, 1935; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

180538. Adult female. Tanjong Bedawu (*not* "Bedaan"), lat 2°36′ S., long. 105°53′ E., Bangka Island, South China Sea off Sumatra. June 7, 1904. Collected by William L. Abbott.

Kittacincla malabarica ochroptila Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 51, June 30, 1917.

=*Copsychus malabaricus ochroptilus* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 237, 1935; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

170954. Adult male. Pulau Siantan, Anamba Islands, South China Sea. Sept. 8, 1899. Collected by William L. Abbott.

Kittacincla malabarica heterogyna Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 53, June 30, 1917.

=*Copsychus malabaricus heterogynus* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 237, 1935; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

170918. Adult female. Pulau Riabu, Anamba Islands, South China Sea. August 18, 1899. Collected by William L. Abbott.

Kittacincla malabarica eumesa Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 81, 1932.

=*Copsychus malabaricus eumesus* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 237, 1935; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

174742. Adult male. Pulau Bunguran (Great Natuna Island), northern Natuna Islands, South China Sea. July 14, 1900. Collected by William L. Abbott.

Kittacincla malabarica zaphotina Oberholser

Smithsonian Misc. Coll. 76 (6) : 6, July 16, 1923.

=*Copsychus malabaricus suavis* Sclater. See Chasen, Handlist of Malaysian birds, p. 237, 1935; Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

178140. Adult female. "Central Borneo." 1899. Collected by A. W. Nieuwenhuis. Original number 660. Received from the Rijks Museum van Natuurlijke Historie, Leiden.

This specimen is very probably the one listed by Finsch (Notes from the Leyden Museum 22: 176, 1901); in that case, it was collected October–December 1899 "am oberen Mahakkam . . . und zwar an der Einmündung des südlichen Nebenflusses Blu oder Bluvc . . . in ca. 200 Meter Erhebung" (*op. cit.*, p. 164).

Copsychus saularis prosthopellus Oberholser

Smithsonian Misc. Coll. 76 (6) : 1, July 16, 1923.

86140. Adult male. Deep Bay, New Territories, Hong Kong. Nov. 13 (not 12, *fide* collector's field register), 1881. Collected by Pierre L. Jouy and Frank C. Dale. Original number 203.

Copsychus saularis crimelas Oberholser

Smithsonian Misc. Coll. 76 (6) : 2, July 16, 1923.

95306. Adult male. "Kankarit, Houndraw Branch"=Haungdaraw River, near Kawkareik, Amherst District, Tenasserim Division, Burma. June 27, 1879. Collected by C. T. Bingham. Received from the British Museum (Natural History), which acquired it as part of the Hume Collection.

Copsychus saularis haliblectus Oberholser
Smithsonian Misc. Coll. 76 (6) : 2, July 16, 1923.
=*Copsychus saularis erimelas* Oberholser. See Riley, U.S. Nat. Mus. Bull. 172: 406, 1938.
173179. Adult female. Domel Island, Mergui Archipelago, Mergui District, Tenasserim Division, Burma. Feb. 27, 1900. Collected by William L. Abbott.

Copsychus saularis zacnecus Oberholser
Smithsonian Misc. Coll. 60 (7) : 12, Oct. 26, 1912.
179291. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Dec. 2, 1901. Collected by William L. Abbott.

Copsychus saularis nesiarchus Oberholser
Smithsonian Misc. Coll. 76 (6) : 3, July 16, 1923.
180075. Adult male. Lafau, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 22, 1903. Collected by William L. Abbott.

Copsychus saularis pagiensis Richmond
Proc. Biol. Soc. Washington 25: 105, June 15, 1912.
180077. Adult male. North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. Dec. 22, 1902. Collected by William L. Abbott.

Copsychus saularis ephalus Oberholser
Smithsonian Misc. Coll. 76 (6) : 2, July 16, 1923.
=*Copsychus saularis musicus* (Raffles). See Chasen, Handlist of Malaysian birds, p. 235, 1935.
180979. Adult male. Tarusan Bay (lat. 1°13′ S., long. 100°25′ E.), western Sumatra. Jan. 15, 1905. Collected by William L. Abbott.

Copsychus saularis nesiotes Oberholser
Smithsonian Misc. Coll. 76 (6) : 3, July 16, 1923.
180537. Adult male. Tanjong Bedawu (not "Bedaan"), lat. 2°36′ S., long. 105°53′ E., Bangka Island, South China Sea off Sumatra. June 4, 1904. Collected by William L. Abbott.

Copsychus inexspectatus Richmond
Proc. U.S. Nat. Mus. 19: 688, May 13, 1897.
=*Copsychus albospecularis inexspectatus* Richmond. See Rand, Bull. Amer. Mus. Nat. Hist. 72: 437, 1936.
151279. Adult male. Mouth of the Fanantara River, eastern Madagascar. May 18, 1895. Collected by William L. Abbott.

Genus COSSYPHA Vigors

Cossypha natalensis garguensis Mearns
Smithsonian Misc. Coll. 61 (20) : 2, Nov. 29, 1913.
217681. Adult female. South Creek, Mount Gargues (at elev. 3,600 feet), Northern Frontier District, Kenya Colony. Sept. 4, 1911. Collected

by Edmund Heller. Original number 297. Rainey African Expedition (1911).

Cossypha natalensis intensa Mearns

Smithsonian Misc. Coll. 61 (20) : 2, Nov. 29, 1913.

=*Cossypha natalensis natalensis* A. Smith. See Friedmann, *in* Friedmann and Loveridge, Bull. Mus. Comp. Zool. 81: 251, 1937.

118105. Adult male. Taveta, Teita District, Kenya Colony. Apr. 26, 1888. Collected by William L. Abbott.

Genus POGONOCICHLA Cabanis

Pogonocichla cucullata helleri Mearns

Smithsonian Misc. Coll. 61 (20) : 1, Nov. 29, 1913.

=*Pogonocichla margaritata orientalis* (Fischer and Reichenow) ? See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 157, 1937.

217720. Adult male. Summit of Mount Mbololo, elev. 4,400 feet ("in the Taita Hills, about midway between Kilimanjaro and the coast," *fide* Hollister, U.S. Nat. Mus. Bull 99: 22, 1918), Teita District, Kenya Colony. Nov. 8, 1911. Collected by Edmund Heller. Original number 416. Paul J. Rainey African Expedition (1911).

Pogonocichla cucullata keniensis Mearns

Smithsonian Misc. Coll. 56 (20) : 9, Apr. 17, 1911.

=*Pogonocichla margaritata keniensis* Mearns. See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 156, 1937.

215577. Adult male. Western slope of Mount Kenya (at elev. 10,700 feet), North Nyeri or South Nyeri District, Kenya Colony. Sept. 29, 1909. Collected by Edgar A. Mearns. Original number 16942. Smithsonian African Expedition.

Genus ERYTHROPYGIA A. Smith

Erythropygia coryphaeus abboti Friedmann

Proc. Biol. Soc. Washington 45: 65, Apr. 2, 1932.

331162. Adult (sex not indicated). Fish River, 6 miles from Berseba, Great Namaqualand, Territory of South-West Africa. Mar. 1, 1931. Collected by Margaret Sordahl (Mrs. Louis O. Sordahl). Original number 23.

Since this form was named in honor of Charles G. Abbot, Secretary of the Smithsonian Institution, the subspecific name is correctly spelled.

Erythropygia leucophrys jungens Bowen

Proc. Biol. Soc. Washington 47: 162, Oct. 2, 1934.

217480. Adult male. Kabalolot Hill (at the head of the Amala River), Kericho District or Masai Reserve, Kenya Colony. May 7, 1911. Collected by Edmund Heller. Original number 114. Rainey African Expedition (1911).

Genus MONTICOLA Boie

Petrophila rufocinerea tenuis Friedmann

Occas. Pap. Boston Soc. Nat. Hist. 5: 325, Sept. 2, 1930.

=*Monticola rufocinereus tenuis* (Friedmann). See Jackson, Birds of Kenya Colony and the Uganda Protectorate 2: 959, 1938.

217733. Adult male. Summit of Mount Lololokui, elev. 6,000 feet ("twenty miles north-west of Archer's Post, near Uraguess," *fide* Jackson, *op. cit.* 1: xxxii, 1938), Northern Frontier District, Kenya Colony. September 15, 1911. Collected by Edmund Heller. Original number 356. Paul J. Rainey African Expedition (1911).

Genus SIALIA Swainson

Sialia sialis episcopus Oberholser

Proc. Biol. Soc. Washigton 30: 27, Feb. 21, 1917.

241188. Adult male. Santa Engracia, State of Tamaulipas, México. Dec. 15, 1911. Collected by Frank B. Armstrong. Received from the U.S. Fish and Wildlife Service, which acquired it from Louis B. Bishop, in whose private collection it was No. 23808.

Sialia azurea Baird

Review of American birds 1: 62, July 1864.

=*Sialia sialis azurea* Baird. See Griscom, Bull. Amer. Mus. Nat. Hist. 64: 312–315, 1932.

28021. Adult (sex not indicated, but apparently male). Hacienda "Mirador," State of Veracruz, México. Entered into the museum register on Mar. 24, 1863. Collected by Carl C. W. Sartorius.

Baird had a series of four specimens, but he implied, at the original description, that No. 28021 was, in his eyes, the type.

Griscom (*loc. cit.*) has discussed the extraordinary nomenclatorial tangle brought about by Swainson's unsatisfactory introduction of the name *azurea.* Although Griscom finally followed the decision of the A.O.U. Committee on Classification and Nomenclature and called this form *S. s. guatemalae* Ridgway, to avoid disturbance of nomenclature "to no purpose," it is my own view that Baird's name *must* be used.

Baird considered Swainson's name a *nomen nudum* and invalid, but "preferred to adopt his name rather than present a new one." It was quite certainly Baird's intention, by carefully describing a type specimen, to clothe the *nomen nudum* and bring it into literature under his own aegis, and Hellmayr (Catalogue of birds of the Americas 7: 479, 1934) has erred in treating Baird's name simply as a misapplication of Swainson's.

Sialia sialis guatemalæ Ridgway

Proc. U.S. Nat. Mus. 5: 13, June 14, 1882.

=*Sialia sialis azurea* Baird. See Griscom, Bull. Amer. Mus. Nat. Hist. 64: 312–315, 1932; remarks under preceding form.

30661. Adult (sex not indicated, but apparently female). Tactic ("a village in the hilly country . . . about ten miles south of Coban," *fide* Griscom, *op. cit.*, p. 423), Department of Alta Vera Paz, Guatemala. Nov. 5, 1859. Received from Osbert Salvin.

45621. Adult (sex not indicated, but apparently male). Cobán, Department of Alta Vera Paz, Guatemala. November 1859. Collected by Osbert Salvin. Original number 1271. Received from Osbert Salvin.

49221. Adult (sex not indicated, but apparently female). "Central Guatemala (Coban to Clusec)." Entered into the museum register on Oct. 24, 1867. Collected by Henry Hague.

50411. Adult (sex not indicated, but apparently male). Guatemala, Department of Guatemala, Guatemala. Entered into the museum register on Mar. 4, 1868. Collected by C. H. Van Patten.

Ridgway had "a considerable series . . . of Guatemalan Bluebirds," and referred to specimens in the United States National Museum from "Coban to Clusec," Tactic, and Cobán. No mention was made of the bird from the City of Guatemala, but since Ridgway himself at some time made No. 50411 the lectotype, it presumably formed part of his original material. The four listed above seem to be the only potential cotypes still in the collection.

Griscom (*op. cit.*, p. 314) has shown that *S. s. guatemalae* must be synonymized with whatever name is used for the breeding form of southeastern México. Support for this view is offered by the fact that No. 30661, a cotype of *guatemalae,* is also a paratype of Baird's *azurea.*

S[ialia]. occidentalis J. K. Townsend

Journ. Acad. Nat. Sci. Philadelphia 7 (2) : 188, 1837.

=*Sialia mexicana occidentalis* Townsend. See Hellmayr, Catalogue of birds of the Americas 7: 481, 1934.

1930. Adult (sex not indicated, but apparently male). "Columbia river"=Fort Vancouver, Clarke County, Washington. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

2949. Adult female. "Columbia River"=Fort Vancouver, Clarke County, Washington. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

No. 2949 carries a label with data written by Audubon's hand. A third cotype, No. 1931, a male, cannot now be found in the collection.

S[ialia]. m[exicana]. bairdi Ridgway

Auk 11 (2) : 157, April 1894.

=*Sialia mexicana bairdi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 481, 1934.

7637. Adult male. "Camp 110, N[ew]. M[exico]."=Cactus Pass (about 20 miles east of Kingman), Mohave County, Arizona (not New Mexico). Jan. 31, 1854. Collected by Caleb B. R. Kennerly and H. Baldwin

Möllhausen. Original number 60. Pacific Railroad Survey, Line of the 35th Parallel.

Sialia mexicana australis Nelson

Proc. Biol. Soc. Washington 16: 159, Nov. 30, 1903.

185183. Adult male. Cerro Tancítaro, State of Michoacán, México. Feb. 26, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9168. Received from the U.S. Fish and Wildlife Service.

Sialia macroptera Baird

in Stansbury, Exploration and survey of the valley of the Great Salt Lake of Utah, Appendix C, Birds, p. 314, 1852.

=*Sialia currucoides* (Bechstein). See Hellmayr, Catalogue of birds of the Americas 7: 482, 1934.

3706. Adult male. Salt Lake City, Salt Lake County, Utah. Mar. 18 (*fide* original description) or 21 (*fide* the oldest label, written by Baird), 1850. Collected by Howard Stansbury. Exploration and Survey of the Great Salt Lake of Utah (1849–1850).

The oldest label carried by this skin, with data in Baird's hand, gives the collection date as Mar. 21, "1851," but in the original description it was stated to be Mar. 18, 1850. Since Stansbury's party was no longer in the field in 1851, it is obvious that the date on the label is, at least in part, erroneous.

Genus MYADESTES Swainson

Ptilogonys Townsendi Audubon

Birds of America (folio) 4 (84): pl. 419, fig. 2, 1838.

=*Myadestes townsendi townsendi* (Audubon). See Hellmayr, Catalogue of birds of the Americas 7: 434, 1934; A.O.U. Committee on Classification and Nomenclature, Auk 68: 368, 1951.

2922. Adult female. "Columbia River"="near Fort George, (Astoria.)" (see Townsend, Narrative of a journey across the Rocky Mountains, Appendix, p. 339, 1839), Clatsop County, Oregon. Collected by W. Brotchie. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Myadestes obscurus cinereus Nelson

Proc. Biol. Soc. Washington 13: 30, May 29, 1899.

164262. Adult male (not female). Mountains near Álamos (lat. 27°01′ N., long. 108°58′ W.), State of Sonora, México. Jan. 3, 1899. Collected by Edward A. Goldman. Original number 6051. Received from the U.S. Fish and Wildlife Service.

Myadestes obscurus var. **insularis** Stejneger

Proc. U.S. Nat. Mus. 4: 373, Apr. 13, 1882.

=*Myadestes obscurus insularis* Stejneger. See Hellmayr, Catalogue of birds of the Americas 7: 436, 1934.

37327. Adult male. Tres Marías Islands, off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 60.

Myadestes obscurus var. **occidentalis** Stejneger

Proc. U.S. Nat. Mus. 4: 372, Apr. 13, 1882.

=*Myadestes obscurus occidentalis* Stejneger. See Hellmayr, Catalogue of birds of the Americas 7: 435, 1934.

35038. Adult male. Tonila, State of Jalisco, México. "October" 1863. Collector unknown ("was in cage three weeks," *fide* Xántus's note on label). Received from John Xántus (in whose field register it was given the number 2219).

Myiadestes solitarius Baird

Review of American birds 1: 420 (in key), 421, June 1866.

=*Myadestes genibarbis solitarius* Baird. See Bond, Checklist of birds of the West Indies, ed. 3, p. 121, 1950.

30285. Adult male. Mountains of Port Royal Parish, County of Surrey, Jamaica. March 1863. Collected by — Colchester, for William T. March. Original number 55. Received from William T. March.

Myadestes dominicanus Stejneger

Proc. U.S. Nat. Mus. 5: 22, pl. 2, fig. 5, June 12, 1882.

=*Myadestes genibarbis dominicanus* Stejneger. See Bond, Checklist of birds of the West Indies, ed. 3, p. 122, 1950.

77801. Adult male. Dominica Island, Leeward Islands, Caribbean Sea. Entered into the museum register on Apr. 23, 1879. Collected by Frederick A. Ober.

Myiadestes sibilans Lawrence

Ann. New York Acad. Sci. 1 (5–6) : 147 [p. 148, in reprint], June 1878.

=*Myadestes genibarbis sibilans* Lawrence. See Bond, Checklist of birds of the West Indies, ed. 3, p. 122, 1950.

74061. Adult female. Crater of La Soufrière, Saint Vincent Island, Windward Islands, Caribbean Sea. Nov. 1, 1877. Collected by Frederick A. Ober. Original number 423.

74062. Adult male. Crater of La Soufrière, Saint Vincent Island, Windward Islands, Caribbean Sea. Nov. 3, 1877. Collected by Frederick A. Ober. Original number 433.

Myadestes coloratus Nelson

Smithsonian Misc. Coll. 60 (3) : 23, Sept. 27, 1912.

=*Myadestes ralloides coloratus* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 442, 1934.

232601. Adult male. Mount Pirri (at elev. 5,000 feet), near the head of the Río Limón, Department of Darién, Panamá. Mar. 6, 1912. Collected by Edward A. Goldman. Original number 15309. Received from the U.S. Fish and Wildlife Service.

Myiadestes unicolor Sclater

Proc. Zool. Soc. London 24: 299, Jan. 26, 1857.

=*Myadestes unicolor unicolor* Sclater. See Hellmayr, Catalogue of birds of the Americas 7: 443, 1934.

22377. Adult female. Córdoba, State of Veracruz, México. Collected by Auguste Sallé. Received from the Maison Verreaux, Paris.

Since Sclater referred to male and female specimens, we may be sure that he had at least two cotypes. One of these was retained by him and is now in the collection of the British Museum (Natural History). Although our bird bears only the label of the Maison Verreaux, it is marked as "type de Sclater," and there is no reason to doubt its cotypeship.

Genus PLATYCICHLA Baird

Platycichla brevipes Baird

Review of American birds 1: 32, 436, June and July 1864.

=*Platycichla flavipes flavipes* (Vieillot). See Hellmayr, Catalogue of birds of the Americas 7: 425, 426, 1934.

23954. Immature (sex not indicated, but apparently female). "On the coast of South America, probably in Brazil"=State of Rio de Janeiro, Brazil. 1841 or 1842. Collected by G. R. B. Horner. Received from the National Institute.

The U.S.S. "Delaware," on which Horner traveled, visited, in the course of the 1841–1842 cruise, only two localities on the South American mainland—Rio de Janeiro and Montevideo (see Horner, Medical topography of Brazil and Uruguay, Philadelphia, 1845).

It should be noted that page 32 of the Review of American Birds, on which Baird's new name appears, was published in June 1864, while page 33, on which the major part of the description is found, was issued in July 1864.

Genus ENTOMODESTES Stejneger

Ptilogonys leucotis von Tschudi

Archiv für Naturgeschichte 10 (1): 270, 1844.

=*Entomodestes leucotis* (von Tschudi). See Friedmann and Deignan, Zoologica, New York 27: 52, 1942.

41908. Adult (sex not indicated). "Perú." Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

Although Hellmayr (Catalogue of birds of the Americas 7: 445, 1934) writes "type in Neuchâtel Museum," it may be noted that von Berlepsch and Hellmayr (Journ. für Orn. 53: 6–20, 1905) failed to find such a specimen 29 years earlier. Whether other cotypes than ours exist is not known to me.

Genus PHAEORNIS Sclater

Phæornis myadestina Stejneger

Proc. U.S. Nat. Mus. 10: 90, May 17, 1887.

=*Phaeornis obscura myadestina* Stejneger. See Munro, Birds of Hawaii, p. 77, 1944.

110041. Adult (sex not indicated). Kauai Island, Hawaiian Islands, Oceania. Entered into the museum register on Dec. 24, 1886. Collected by Valdemar Knudsen.

Genus CATHARUS Bonaparte

Malacocichla maculata Sclater

Proc. Zool. Soc. London 26: 64, Apr. 13, 1858.

=*Catharus dryas maculatus* (Sclater). See Hellmayr, Catalogue of birds of the Americas 7: 462, 1934.

32683. Adult male. "Río Napo," Province of Napo-Pastaza, Ecuador. Received from the Maison Verreaux, Paris.

Salvin (Proc. Zool. Soc. London, for 1866: 68, 1866) writes: "I have recently compared Dr. Sclater's types of *C. maculatus* with my specimens of *C. dryas*." This indicates that the series lent Sclater by the brothers Verreaux consisted of more than one skin, and that two or more were retained by Sclater, even though no such birds are listed under *maculatus* in his "Catalogue of a collection of American birds" (p. 1, 1862), or in "Catalogue of the birds in the British Museum" (5: 205, 1881). Our No. 32683, purchased from the Maison Verreaux as a type (see Baird, Review of American birds 1: 10 footnote, 1864, may well be one of Sclater's original series, but it is no longer possible to adduce evidence for this view.

Catharus mexicanus smithi Nelson

Proc. Biol. Soc. Washington 22: 49, Apr. 17, 1909.

=*Catharus mexicanus mexicanus* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 7: 462, 463 (footnote 1), 1934.

204801. Adult male. "Carricitos pueblo (5500–6000 ft.) in Sierra Madre about 40 m. west & 20 m. north of [Ciudad] Victoria . . . (in a deep barranca)," State of Tamaulipas, México. Oct. 16, 1908. Collected by Austin Paul Smith. Original number 1144. Received from the U.S. Fish and Wildlife Service.

The locality data given above appear on the reverse of each of the labels used by the collector for specimens from this place. On the obverse he has noted that this particular bird was taken at 6,000 feet.

Catharus fumosus Ridgway

Proc. U.S. Nat. Mus. 10: 505, Aug. 6, 1888.

=*Catharus mexicanus fumosus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 464, 1934.

101765. Adult male. "Costa Rica"=Jiménez, Province of Limón, Costa Rica (see Zeledón, Anal. Mus. Nac. Costa Rica 1: 104, 1888). Oct. 30, 1884. Collected by José C. Zeledón.

Catharus fuscater mirabilis Nelson

Smithsonian Misc. Coll. 60 (3): 24, Sept. 27, 1912.

=*Catharus fuscater fuscater* (Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 7: 465, 466, 1934.

232933. Adult male. Mount Pirri (at elev. 5,200 feet), near the head of the Río Limón, Province of Darién, Panamá. Apr. 18, 1912. Collected by Edward A. Goldman. Original number 15534. Received from the U.S. Fish and Wildlife Service.

Catharus fuscater opertaneus Wetmore

Novedades Colombianas, Contr. Cient. Mus. Hist. Nat. Univ. Cauca, Popayán, Colombia 2: 46, June 1, 1955.

427029. Adult male. Hacienda "Potreros" (elev. 6,500 feet), "on the Río Herradura, 15 miles southwest of Frontino," Department of Antioquia, Colombia. June 10, 1950. Collected by Melbourne A. Carriker, Jr. Original number 18410.

Catharus olivascens Nelson

Proc. Biol. Soc. Washington 13: 31, May 29, 1899.

=*Catharus occidentalis olivascens* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 467, 1934.

164263. Adult male. The Sierra Madre, 65 miles east of Batopilas, State of Chihuahua, México. Sept. 30, 1898. Collected by Edward A. Goldman. Original number 5874. Received from the U.S. Fish and Wildlife Service.

Catharus occidentalis fulvescens Nelson

Auk 14 (1): 75, January 1897.

142436. Adult male. Amecameca, State of México, México. Feb. 1, 1893. Collected by Edward W. Nelson. Original number 764. Received from the U.S. Fish and Wildlife Service.

Catharus frantzii omiltemensis Ridgway

Proc. Biol. Soc. Washington 18: 213, Oct. 17, 1905.

=*Catharus occidentalis fulvescens* Nelson. See Hellmayr, Catalogue of birds of the Americas 7: 467 (footnote 3), 468, 1934.

185751. Adult male. Omilteme, State of Guerrero, México. May 19, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 9918. Received from the U.S. Fish and Wildlife Service.

Catharus melpomene clarus Jouy

Proc. U.S. Nat. Mus. 16: 773, Apr. 18, 1894.

=*Catharus aurantiirostris clarus* Jouy. See Hellmayr, Catalogue of birds of the Americas 7: 470, 1934.

126627. Adult male. Barranca Ibarra ("half a day's journey north of the city [of Guadalajara]," *fide* Jouy, *op. cit.*, p. 772), State of Jalisco, México. May 13, 1892. Collected by Pierre L. Jouy. Original number 1322.

Genus HYLOCICHLA Baird

Hylocichla guttata euboria Oberholser

Proc. Biol. Soc. Washington 69 (12) : 69, Sept. 12, 1956.

165716. Adult male. Shore of Lewes River (a tributary of the Yukon River), Yukon Territory, Canada. July 21, 1899. Collected by Wilfred H. Osgood. Original number 156. Received from the U.S. Fish and Wildlife Service.

Hylocichla aonolaschkæ verecunda Osgood

Auk 18 (2) : 183, April 1901.

=*Hylocichla guttata nana* (Audubon). See Hellmayr, Catalogue of birds of the Americas 7: 454, 1934.

166901. Adult female. Mountains at Cumshewa Inlet, Moresby Island, Queen Charlotte Islands, Province of British Columbia, Canada. June 22, 1900. Collected by Wilfred H. Osgood and Edmund Heller. Original number 429. Received from the U.S. Fish and Wildlife Service.

Turdus auduboni Baird

Review of American Birds 1: 16, June 1864.

=*Hylocichla guttata auduboni* (Baird). See Hellmayr, Catalogue of birds of the Americas 7: 455, 1934.

10886. Adult male. "Fort Bridger, Utah (Camp Scott.)"=Fort Bridger, Uinta County, Wyoming (not Utah). May 28, 1858. Collected by Constantin Drexler. Original number 483.

Hylocichla guttata crymophila Burleigh and H. S. Peters

Proc. Biol. Soc. Washington 61: 117, June 16, 1948.

382061. Adult male. Badger, Grand Falls District, Province of Newfoundland, Canada. June 11, 1942. Collected by Harold S. Peters and Thomas D. Burleigh. Original number 83. Received from the U.S. Fish and Wildlife Service.

Turdus ustulatus Nuttall

Manual of the ornithology of the United States and of Canada, land birds, ed. 2, pp. vi, 400 [where misspelled *cestulatus*], 830, 1840.

=*Hylocichla ustulata ustulata* (Nuttall). See Hellmayr, Catalogue of birds of the Americas 7: 456–457, 1934.

2040. Adult (sex not indicated). "Columbia River"=Fort Vancouver, Clarke County, Washington. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

The bird here listed is, according to a manuscript note made by Baird (*in* Baird, Cassin, and Lawrence, Birds of North America, Philadelphia,

1860) on the margin of Plate LXXXI, for the lower figure of which it served as model, "Type of Nuttall?" Since Nuttall (*op. cit.* p. 401) has mentioned that he had only one specimen from which to describe the species, and No. 2040 still bears Townsend's own label, it may be assumed that it is indeed the type, and that it is a female collected on June 10, 1835, as stated at Nuttall's original description.

Hylocichla ustulata œdica Oberholser

Auk 16 (1) : 23, January 1899.

=*Hoylocichla ustulata oedica* Oberholser, *fide* Aldrich (MS.).

79462. Adult male. Santa Barbara, Santa Barbara County, California. June 25, 1875. Collected by Henry W. Henshaw. Original number 66. Geographical Explorations and Surveys West of the 100th Meridian (Expedition of 1875).

Hylocichla ustulata almæ Oberholser

Auk 15 (4) : 304, October 1898.

=*Hylocichla ustulata almae* Oberholser. See A.O.U. Committee on Classification and Nomenclature, Auk 61: 457, 1944.

159053. Adult male. East Humboldt Mountains (at a point opposite Franklin Lake), Elko County, Nevada. June 24, 1898. Collected by Harry C. Oberholser. Original number 85. Received from the U.S. Fish and Wildlife Service.

Hylocichla ustulata clarescens Burleigh and H. L. Peters

Proc. Biol. Soc. Washington 61: 118, June 16, 1948.

382037. Adult male. Glenwood (on Gander River, about 5 miles above its confluence with Gander Lake), Grand Falls District, Province of Newfoundland, Canada. June 18, 1942. Collected by Harold L. Peters and Thomas D. Burleigh. Original number 122. Received from the U.S. Fish and Wildlife Service.

Turdus aliciae Baird

in Baird, Cassin, and Lawrence, Expl. and Surv. R.R. Pac. 9: xxxi, 210 (in key), 217, 1858.

=*Hylocichla minima minima* (Lafresnaye). See Wallace, Proc. Boston Soc. Nat. Hist. 41: 238–242, 1939.

10084. Adult (sex not indicated). West Northfield, Cook County, Illinois. Not later than Apr. 29, 1857. Collected by Alice M. Kennicott, for Robert Kennicott.

In a letter of the Deane Collection at the Library of Congress, from Robert Kennicott to his younger sister, Alice Mary Kennicott (1844–1919), is found the following passage: "Among my birds is one pretty little thrush which is new. The first specimen collected you skinned. Hoy called it Turdus solitarius but he is wrong. Prof. Baird names it T. alicea. Its a pretty little bird and I was very glad to have Prof. Baird name it for you. I think it is rather common. It is one of the smallest of the Thrushes and you could probably get a lot about the first of May. Don't neglect work in the house for bird skinning tho'."

Baird had six specimens, treated at the original description as cotypes (not all of which might now be considered representative of *H. m.* "*aliciae*"), but the fact that he himself wrote "Type of species" on the label of the one bird collected by Miss Kennicott leads me to accord type status to it alone. No. 10083, taken by Kennicott himself on Apr. 29, 1857, reached Washington at the same time as No. 10084; it is clear from the quotation given above that Alice's skin could not have been collected later than Robert's.

Hylocichla aliciae bicknelli Ridgway

Proc. U.S. Nat. Mus. 4: 377, Apr. 13, 1882.

=*Hylocichla minima bicknelli* Ridgway. See Wallace, Proc. Boston Soc. Nat. Hist. 41: 238–242, 1939.

95545. Adult male. Summit of Slide Mountain, Ulster County, New York. June 15, 1881. Collected by Eugene P. Bicknell. Original number 652. Received from Eugene P. Bicknell.

95546. Adult female. Riverdale-on-Hudson, Bronx County, New York. Oct. 8, 1881. Collected by Eugene P. Bicknell. Original number 706. Received from Eugene P. Bicknell.

This race was based upon seven specimens, the property of Eugene P. Bicknell, each of which was made an equivalent cotype; if some of them are to be considered as having a superior claim to typeship, these would be Bicknell's Nos. 652 and 653, which alone of the series were taken on the breeding ground. The seven were returned to Bicknell after Ridgway had completed his study, but in February 1884 a pair was presented by the collector to the U.S. National Museum, and at some subsequent date the male, No. 95545, was singled out by Richmond as the type.

That the donor did not feel that he was presenting us the type may be shown by quotation from a letter of Feb. 18, 1884, addressed to Ridgway: "I owe you a profound apology for not having sent you long before this the promised specimens of T. bicknelli. As I told you when you were in N.Y. I was reserving the type specimens of the bird to show to some who desired to see them. Now I send one of the type Catskill birds (♂) and a ♀ from Riverdale. I met with a most unfortunate and vexatious accident with several of my specimens of this bird. I had set some aside in a cigar box preparatory to taking them to N.Y. The box remained undisturbed longer than I had expected and when I opened it, although it had be [*sic*] left in a dark closet high on a shelf, *Dermestes* were at work!—In this way the ♀ I send has the tip of her bill destroyed—I send it because it is the *smallest* example of the form that I have ever seen, and in other respects is the best female I have. The Catskill example I send is less typical than the one I retain, which is much browner above, more reddish on the tail, and is the specimen about which you particularly remarked the *Luscinia* character of bill. This I would have sent, believing that the U.S. Museum or Smithsonian ought to have the best type specimen, but as it shows slight marks of *dermestes*, I send the more perfect one."

Wallace (*op. cit.*, pp. 394, 397) seems not to have examined the five skins kept by Bicknell, and it is probable that the ravages of Dermestidae led to their destruction, with the result that the two in Washington are the only surviving cotypes.

Hylocichla fuscescens subpallida Burleigh and Duvall

Proc. Biol. Soc. Washington 72(8) : 33, May 1, 1959.

419601. Adult male. Moscow, Latah County, Idaho. June 10, 1951. Collected by Thomas D. Burleigh. Original number 13895. Received from the U.S. Fish and Wildlife Service.

Hylocichla fuscescens salicicola Ridgway

Proc. U.S. Nat. Mus. 4: 374, Apr. 13, 1882.

66667. Adult male. Fort Garland, Costilla County, Colorado. May 26, 1873. Collected by Henry W. Henshaw. Original number 142. Geographical Explorations and Surveys West of the 100th Meridian (Expedition of 1873).

66669 (not 66689). Adult male. Fort Garland, Costilla County, Colorado. June 19, 1873. Collected by Henry W. Henshaw. Original number 577. Geographical Explorations and Surveys West of the 100th Meridian (Expedition of 1873).

79460. Adult female. Fort Garland, Costilla County, Colorado. June 19, 1873. Collected by Henry W. Henshaw. Original number 376. Geographical Explorations and Surveys West of the 100th Meridian (Expedition of 1873).

Ridgway based this race upon a series of eleven cotypes, but some of these are now taxonomically useless, and it seems to me advisable to list here only those from the restricted type locality, especially since at least two of them have the words "var. *salicicolus* Ridg./Type!" on the label in Ridgway's hand. The third, No. 66669, at some time became No. 2631 of Ridgway's private collection, when it had its original label removed; conceivably it also had been designated by the describer as "type."

At the first description, *five* specimens were mentioned as from Fort Garland, but, in fact, No. 66668 is from Denver. In addition to the three listed above, there was No. 79461, which was sent to Henry W. Henshaw in 1887; its present whereabouts is unknown, but may be the British Museum (Natural History).

In cases such as this, where no specimen's claims to typeship are superior to another's, it was the practice of the late Charles W. Richmond to make the first male listed the lectotype, and degrade all other skins to paratypeship. But since the first listed, No. 79461, had already left the museum prior to his investigation of the problem, he was compelled either to admit that *the* type was no longer in Washington, or to elect a specimen other than the first listed. In choosing the second, No. 66667, he laid aside a bird which, by his own rule, should not have been considered a type at all!

Genus CICHLHERMINIA Bonaparte

Margarops dominicensis Lawrence

Forest and Stream 14 (9): 165, Mar. 27, 1880 [author's reprint].

=*Cichlherminia l'herminieri dominicensis* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 7: 451, 1934.

77799. Adult male. Dominica Island, Leeward Islands, Caribbean Sea. Entered into the museum register on Apr. 23, 1879. Collected by Frederick A. Ober. Original number 92.

Lawrence based this form upon a series of five males, but mentioned that the type was in the collection of the United States National Museum. Only two of the specimens are now here, and No. 77799 alone bears the word "Type" in Lawrence's hand, so the other four were evidently considered by him mere paratypes.

Lawrence's name is generally cited from Proc. U.S. Nat. Mus. 3: 16, April? 1880, but in fact it appeared earlier in "Forest and Stream," as given above, on Apr. 1, 1880, and the author's separate, dated March 27, was received by Ridgway in Washington on March 30. The description in the Proc. U.S. Nat. Mus. is an almost exact duplication of the one in "Forest and Stream"; the only changes are from "centers" to "centres," and from "black terminal spot" (as intended by Lawrence) to "light terminal spot."

Genus MIMOCICHLA Sclater

Mimocichla rubripes eremita Ridgway

Proc. Biol. Soc. Washington 18: 213, Oct. 17, 1905.

=*Mimocichla plumbea rubripes* (Temminck). See Bond, Checklist of birds of the West Indies, ed. 3, p. 118, 1950.

111219. Adult male. Swan Island, Caribbean Sea at lat. 17°30′ N., long. 84°00′ W. Feb. 4, 1887. Collected by Charles H. Townsend. Original number 1777.

Mimocichla schistacea Baird

Review of American birds 1: 35 (in key), 37, July 1864.

=*Mimocichla plumbea schistacea* Baird. See Bond, Checklist of birds of the West Indies, ed. 3, p. 118, 1950.

17713. Adult male. Monte Verde, Province of Oriente, Cuba. Entered into the museum register on July 21, 1860. Collected by Charles Wright.

Although Baird based his detailed description upon No. 17713, through inadvertence he wrote the word "Type" on the label of No. 17712 (not 17112), the exceptional skin with "dirty whitish thighs."

Genus TURDUS Linnaeus

Merula merula intermedia Richmond

Proc. U.S. Nat. Mus. 18: 585, July 25, 1896.

=*Turdus merula intermedius* (Richmond). See Hartert, Vögel der paläarktischen Fauna 1(6): 670, 1910.

150443. Adult female. Aqsu (Wensuh), Sinkiang at about lat. 40°10′ N., long. 80°00′ E. Nov. 20, 1893. Collected by William L. Abbott.

Turdus merula sowerbyi Deignan

Proc. Biol. Soc. Washington 64: 135, Nov. 19, 1951.

277524. Adult male. Loshan (Kiating), Province of Szechwan, China. Mar. 2, 1924. Collected by David C. Graham.

Turdus wulsini Riley

Proc. Biol. Soc. Washington 38: 115, Nov. 13, 1925.

=*Turdus merula mandarinus* Bonaparte. See Deignan, Proc. Biol. Soc. Washington 64: 135, 1951.

305466. Subadult (not adult) male. Hingi (Hwangtsaopa), Kweichow Province, China. Sept. 10, 1924. Collected by Frederick R. Wulsin. Original number 2142. National Geographic Society Central-China Expedition.

Merula mayonensis Mearns

Philippine Journ. Sci. 2 (5) sec. A: 358, October 1907.

=*Turdus poliocephalus mayonensis* (Mearns). See Delacour, *in* Delacour and Mayr, Birds of the Philippines, pp. 183, 184, 1946.

202490. Adult male. Mount Mayón (at elev. 4,000 feet), Province of Albay, Luzón Island, Philippine Islands. June 5, 1907. Collected by Edgar A. Mearns. Original number 94. Received from Edgar A. Mearns, in whose private collection it was No. 15272.

Merula malindangensis Mearns

Philippine Journ. Sci. 2 (5) sec. A: 357, October 1907.

=*Turdus poliocephalus malindangensis* (Mearns). See Delacour, *in* Delacour and Mayr, Birds of the Philippines, pp. 183, 184, 1946.

202485. Adult male. Summit of Lebo Peak (elev. 5,750 feet), Mount Malindang, Province of Misamis, Mindanao Island, Philippine Islands. May 15, 1906. Collected by Edgar A. Mearns. Received from Edgar A. Mearns, in whose private collection it was No. 14134.

Merula kelleri Mearns

Proc. Biol. Soc. Washington 18: 6, Jan. 20, 1905.

=*Turdus poliocephalus kelleri* (Mearns). See Delacour, *in* Delacour and Mayr, Birds of the Philippines, pp. 183, 184, 1946.

192165. Adult male. Mount Apo (at elev. 6,000 feet), Province of Dávao, Mindanao Island, Philippine Islands. June 18, 1904. Collected by Edgar A. Mearns. Original number 13524.

Planesticus olivaceus polius Mearns

Smithsonian Misc. Coll. 61 (10) : 2, Aug. 11, 1913.

=*Turdus olivaceus polius* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 126–127, 1937.

217725. Adult male. Summit of Mount Lololokui, elev. 6,000 feet ("twenty miles northwest of Archer's Post, near Uraguess," *fide* Jackson, The Birds of Kenya Colony and the Uganda Protectorate 1: xxxii, 1938), Northern Frontier District, Kenya Colony. Sept. 8, 1911. Collected by Edmund Heller. Original number 317. Paul J. Rainey African Expedition (1911).

Planesticus helleri Mearns

Smithsonian Misc. Coll. 61 (10) : 1, Aug. 11, 1913.

=*Turdus olivaceus helleri* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 126, 1937.

217722. Adult female. Mount Mbololo, at elev. 4,000 feet ("in the Taita Hills, about midway between Kilimanjaro and the coast," *fide* Hollister, U.S. Nat. Mus. Bull. 99: 22, 1918), Teita District, Kenya Colony, Nov. 9, 1911. Collected by Edmund Heller. Original number 417. Paul J. Rainey African Expedition (1911).

Turdus jouyi Stejneger

Proc. U.S. Nat. Mus. 10: 4, Apr. 25, 1887.

=*Turdus chrysolaus chrysolaus* Temminck. See Orn. Soc. Japan, Handlist of the Japanese birds, ed. 3, rev., p. 68, 1942.

88605. Subadult male. Mount Fuji (lat. 35°22′ N., long. 138°44′ E.), Honshu Island, Japan. July 2, 1882. Collected by Pierre L. Jouy. Original number 385.

Turdus celænops Stejneger

Science 10: 108, Aug. 26, 1887.

=*Turdus celaenops celaenops* Stejneger. See Orn. Soc. Japan, Handlist of the Japanese birds, ed. 3, rev., p. 68, 1942.

111665. Adult male. Miyake Island (lat. 34°05′ N., long. 139°32′ E.), Izu Islands, Japan. May 3, 1887. Collected by M. Namiye. Original number 14. Received from the Tokyo Educational Museum.

Haplocichla swalesi Wetmore

Proc. Biol. Soc. Washington 40: 55, June 30, 1927.

=*Turdus swalesi* (Wetmore). See Bond, Checklist of birds of the West Indies, ed. 3, p. 117, 1950.

264707. Adult male. Jardins Bois Pin (elev. 6,000 feet), Massif de la Selle (="ridge of Morne La Selle, near 'Morne La Visite,' " *fide* Bond, *loc. cit.*), Haiti, Hispaniola. Apr. 15, 1927. Collected by Alexander Wetmore. Original number 8009.

T[urdus]. propinquus "Ridgw. (MSS.)" Ridgway

Bull. Nuttall Orn. Club 2 (1) : 9, January 1877.

=*Turdus migratorius propinquus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 353, 1934.

38370. Adult (sex not indicated, but apparently male). Laramie Peak, Albany County, Wyoming. May 1864. Collected by Rudolph B. Hitz. Original number 12.

38372. Adult (sex not indicated, but apparently male). Laramie Peak, Albany County, Wyoming. May 1864. Collected by Rudolph B. Hitz.

38373. Adult (sex not indicated, but apparently female). Laramie Peak, Albany County, Wyoming. May 1864. Collected by Rudolph B. Hitz. Original number 62.

38375. Adult (sex not indicated, but apparently female). Laramie Peak, Albany County, Wyoming. May 1864. Collected by Rudolph B. Hitz.

Ridgway had ten cotypes (with essentially the same data), Nos. 38366 through 38375. No. 38366 seems to have vanished without trace. Nos. 38367 and 38371 were sent in 1877 to the Mombusho Museum, Tokyo, and Nos. 38368 and 38374 in the same year to the Zoological Museum, Lisbon. No. 38369 went, in November 1880, to George N. Lawrence, and is perhaps now in the American Museum of Natural History.

Nos. 38372 and 38373, marked by Ridgway as "Type ♂ !" and "Type ♀ !," were at some time in Ridgway's private collection (with his Nos. 1160 and 1161). Their oldest labels are Ridgway's own, with marks of presumed sex written upon them by him. Since each label carries the red tab that represented a type specimen in his collection, it appears that these two were favored above the other eight after they came into his possession. In fact, however, each of the original series was an equivalent cotype.

Turdus confinis Baird

Review of American birds 1: 29, June 1864.

=*Turdus migratorius confinis* Baird. See Hellmayr, Catalogue of birds of the Americas 7: 354, 1934.

23789. Adult (sex not indicated). "Todos Santos," State of Baja California, México. "Sum[mer]. of 1860" (entered into the museum register on January 18, 1862). Collected by (or for) John Xántus.

No. 23789 was entered into the museum register as one of a large collection of birds, mainly from Mazatlán, but partly from localities in Baja California. All data on the oldest labels were written by Baird, who was sometimes in doubt as to whether a given specimen came from Mazatlán or Baja California. On the label of No. 23789 he wrote: "Mazatlan?" The word was later struck out by Xántus himself, who then wrote: "Todos Santos, L. Cala."

We know that Xántus visited Washington during the spring months of 1864 (see Hume, Ornithologists of the United States Army Medical Corps, pp. 524–525, 1942), at the very time Baird was preparing his manuscript of the "Review of American Birds" for publication, and it seems probable that Baird discussed the new form with Xántus and asked for information as to its true provenience. Since the bird was never listed in Xántus's field registers, his statement of type locality must have been derived from memory after the passing of several years, and could easily have been erroneous. Grinnell (A Distributional summation of the ornithology of Lower California, p. 233, 1928) has pointed out that the form has never subsequently been reported from Todos Santos.

A penciled "I H R," possibly in Xántus's hand, on the reverse side of the oldest label, cannot now be interpreted.

Merula flavirostris graysoni Ridgway

Proc. U.S. Nat. Mus. 5: 12, June 14, 1882.

=*Turdus rufo-palliatus graysoni* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 7: 356, 1934.

37322. Adult male. Tres Marías Islands, off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 25.

37323. Adult female. Tres Marías Islands, off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 26.

Merula tamaulipensis Nelson

Auk 14 (1): 75, January 1897.

=*Turdus grayi tamaulipensis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 7: 377, 1934.

142510. Adult female. Ciudad Victoria, State of Tamaulipas, México. Mar. 27, 1891. Collected by William Lloyd. Received from the U.S. Fish and Wildlife Service.

Turdus Caribbœus [*sic*] Lawrence

Ann. New York Acad. Sci. 1 (5–6): 160, July 1878.

=*Turdus nudigenis nudigenis* Lafresnaye. See Hellmayr, Catalogue of birds of the Americas 7: 379, 380, 1934.

74121. Adult male. Grenada Island, Windward Islands, Caribbean Sea. March 1878. Collected by Frederick A. Ober. Original number 504.

In Lawrence's separates, the ligature of the specific name has been corrected in ink to "æ."

Turdus nigrirostris Lawrence

Ann. New York Acad. Sci. 1 (5): 146 [147, in reprint], June 1878.

Turdus fumigatus bondi Deignan

Auk 68 (3): 379, Aug. 8, 1951.

=*Turdus fumigatus bondi* Deignan. See Hellmayr, Catalogue of birds of the Americas 7: 383, 1934; Deignan, Auk 68: 379, 1951.

74057. Immature female. Rutland Vale, Saint Vincent Island, Windward Islands, Caribbean Sea. Jan. 25, 1878. Collected by Frederick A. Ober. Original number 445.

Turdus fumigatus bondi Deignan is a new name, based upon the same type specimen, for *Turdus nigrirostris* Lawrence, preoccupied by *Turdus nigrirostris* Karelin, 1875.

Merula plebeia differens Nelson

Proc. Biol. Soc. Washington 14: 175, Sept. 25, 1901.

=*Turdus ignobilis differens* (Nelson). See Hellmayr, Catalogue of birds of the Americas 7: 391, 1934.

142532. Adult male. Pinabete, State of Chiapas, México. Feb. 8, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3443. Received from the U.S. Fish and Wildlife Service.

Turdus leucomelas cautor Wetmore

Smithsonian Misc. Coll. 106 (16) : 10, Dec. 30, 1946.

369663. Adult male. "At 1,000 feet elevation in the Serranía de Macuire, above Nazaret," Commissary of La Guajira, Colombia. May 5, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11791.

Turdus reevei Lawrence

Ann. Lyc. Nat. Hist. New York 9 (7) : 234, June 1869.

54102. Adult (sex not indicated). Puná Island (in the Gulf of Guayaquil), Province of Guayas, Ecuador. Entered into the museum register on Feb. 15, 1869. Collected by J. F. Reeve.

Genus ZOOTHERA Vigors

Oreocincla horsfieldi affinis Richmond

Proc. Biol. Soc. Washington 15: 158, June 25, 1902.

=*Zoothera dauma affinis* (Richmond), *fide* Deignan (MS.).

169982. Adult male. Khao Nok Ra (lat. 7°25′ N., long. 99°55′ E.), at elev. 3,000 feet, Province of Trang *or* Phatthalung, peninsular Thailand. Jan. 13, 1899. Collected by William L. Abbott.

Geocichla mindanensis Mearns

Philippine Journ. Sci. 2 (5) sec. A: 359, October 1907.

=*Zoothera andromedae* (Temminck). See Delacour, *in* Delacour and Mayr, Zoologica, New York 30: 112, 1945.

202484. Adult female. "Slope of Grand Malindang Peak" (at elev. 6,500 feet), Mount Malindang, Province of Misamis, Mindanao Island, Philippine Islands. June 4, 1906. Collected by Edgar A. Mearns. Received from Edgar A. Mearns (in whose private collection it was No. 14264).

Genus GEOKICHLA S. Muller

Geocichla cinerea Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1) : 23, Dec. 8, 1894.

=*Geokichla cinerea* Bourns and Worcester. See Delacour, *in* Delacour and Mayr, Birds of the Philippines, p. 185, 1946.

348001. Adult (sex not indicated). Mindoro Island, Philippine Islands. April 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences (where it was No. 3928 of the Menage Collection).

Geokichla citrina gibson-hilli Deignan

Zoologica, New York, 35 (2) : 127, Aug. 1, 1950.

178809. Adult male. Sungei Balik (about, lat. 10°31′ N., long. 98°33′ E.), Mergui District, Tenasserim Division, Burma. Nov. 29, 1900. Collected by William L. Abbott.

Geocichla gurneyi raineyi Mearns

Smithsonian Misc. Coll. 61 (10) : 4, Aug. 11, 1913.

=*Geokichla gurneyi raineyi* Mearns. See Friedmann, *in* Friedmann and Loveridge, Bull. Mus. Comp. Zool. 81: 243, 1937.

217721. Adult male. Summit of Mount Mbololo, elev. 4,400 feet ("in the Taita Hills, about midway between Kilimanjaro and the coast," *fide* Hollister, U.S. Nat. Mus. Bull. 99: 22, 1918), Teita District, Kenya Colony. Nov. 9, 1911. Collected by Edmund Heller. Original number 419. Paul J. Rainey African Expedition (1911).

Geocichla piaggiæ keniensis Mearns

Smithsonian Misc. Coll. 61 (10) : 3, Aug. 11, 1913.

=*Geokichla piaggiae kilimensis* Neumann. See Jackson, Birds of Kenya Colony and the Uganda Protectorate 2: 955, 1938.

215455. Adult male. Western slope of Mount Kenya (at elev. 10,000 feet), North Nyeri or South Nyeri District, Kenya Colony. Sept. 27, 1909. Collected by J. Alden Loring. Original number 411. Smithsonian African Expedition.

Genus CATAPONERA Hartert

Cataponera abditiva Riley

Proc. Biol. Soc. Washington 31: 158, Dec. 30, 1918.

=*Cataponera turdoides abditiva* Riley. See Stresemann, Journ. für Orn. 88: 93–94, 1940.

251966. Adult female. Rano Rano (a village at about lat. 1°30′ S., long. 120°19′ E.), central Celebes. Dec. 21, 1917. Collected by Harry C. Raven. Original number 4815.

Genus MYOPHONUS Temminck

Myophonus caeruleus rileyi Deignan

Proc. Biol. Soc. Washington 51: 25, Feb. 18, 1938.

=*Myophonus caeruleus temminckii* Vigors. See Deignan, U.S. Nat. Mus. Bull. 186: 404, 1945.

311561. Adult female. Doi Ang Ka=Doi Inthanon (lat. 18°35′ N., long. 98°30′ E.), at elev. 7,000 feet, Province of Chiang Mai, northwestern Thailand. Dec. 6, 1928. Collected by Hugh McC. Smith. Original number 2698.

Myophonus temminckii changensis Riley

Proc. Biol. Soc. Washington 41: 207, Dec. 18, 1928.

=*Myophonus caeruleus crassirostris* Robinson. See Delacour, Auk 59: 256, 1942.

307159. Adult male. Ko Chang (lat. 12°00′ N., long. 102°30′ E.), off the Province of Trat, southeastern Thailand. Jan. 6, 1926. Collected by Hugh McC. Smith. Original number 475.

Family ZELEDONIIDAE: Wren-thrushes

Genus ZELEDONIA Ridgway

Zeledonia coronata Ridgway

Proc. U.S. Nat. Mus. 11: 538, Sept. 20, 1889.

116591. Adult female. Crater lake of the Volcán de Póas, Province of Alajuela, Costa Rica. Nov. 23, 1888. Collected by Anastasio Alfaro. Received from the Museo Nacional de Costa Rica, where it was No. 2261.

Zeledonia insperata "Cherrie" Ridgway

Birds of North and Middle America 4: 72 (footnote *a*), July 1, 1907.

=*Zeledonia coronata* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 484, 1934.

126911. Adult female. Volcán de Irazú, Province of Cartago, Costa Rica. June 28, 1892. Collected by George K. Cherrie. Received from the Museo Nacional de Costa Rica, where it was No. 7801.

Family SYLVIIDAE: Old-World Warblers

Genus GERYGONE Gould

Gerygone modiglianii muscicapa Oberholser

Smithsonian Misc. Coll. 60 (7) : 11, Oct. 26, 1912.

=*Gerygone fusca muscicapa* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 395, 1944.

180768. Adult male? (not male). Pulau Dua (an islet off Enggano Island), Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 2, 1904. Collected by William L. Abbott.

Gerygone rhizophoræ Mearns

Proc. Biol. Soc. Washington 18: 7, Jan. 20, 1905.

=*Gerygone fusca sulphurea* Wallace. See Meise, Nov. Zool. 36: 371, 1931.

190097. Adult male. Zamboanga, Zamboanga Province, Mindanao Island, Philippine Islands. Oct. 14, 1903. Collected by Edgar A. Mearns. Original number 13059.

Genus BRADYPTERUS Swainson

Bradypterus babæculus fraterculus Mearns

Smithsonian Misc. Coll. 61 (20) : 3, Nov. 29, 1913.

=*Bradypterus alfredi fraterculus* Mearns. See Friedmann, U. S. Nat. Mus. Bull. 153 (2) : 170, 1937.

244935. Adult male. Escarpment (a station on the Uganda Railway, between Nairobi and Naivasha), elev. 7,390 feet, Kiambu District, Kenya Colony. Sept. 10, 1912. Collected by Edgar A. Mearns. Original number 24190. Childs Frick African Expedition (1911–1912).

Tribura idonea Riley

Proc. Biol. Soc Washington 53: 48, Apr. 19, 1940.

=*Bradypterus luteoventris idoneus* (Riley). See Delacour, Ibis 85: 35, 1943.

359220. Adult male. Dalat ("Forests of Cam-ly"), Province of Haut-Donaï, southern Annam. June 1939. Collected by Joseph F. C. Rock. Original number 18.

Pseudotharrhaleus malindangensis Mearns

Proc. U.S. Nat. Mus. 36: 441, May 22, 1909.

=*Bradypterus caudatus malindangensis* (Mearns). See Delacour, Ibis 85: 37, 1943.

210853. Adult male. Summit of Mount Malindang ("altitude slightly above 9,000 feet"), Misamis Province, Mindanao Island, Philippine Islands. June 6, 1906. Collected by Edgar A. Mearns. Original number 14277.

Pseudotharrhaleus griseipectus Mearns

Proc. Biol. Soc. Washington 18: 2, Jan. 20, 1905.

=*Bradypterus caudatus unicolor* (Hartert). See Delacour, Ibis 85: 36–37, 1943.

192259. Adult female. Mount Apo (at elev. 6,200 feet), Dávao Province, Mindanao Island, Philippine Islands. July 8, 1904. Collected by Edgar A. Mearns. Original number 13660.

Genus OLIGURA Hodgson

Oligura castaneo-coronata ripleyi Deignan

Postilla, Yale Peabody Mus. Nat. Hist. 7: 3, May 10, 1951.

296605. Adult male. Likiang Mountains, Yunnan Province, China. June 1923. Collected by Joseph F. C. Rock. Original number 584.

Genus CETTIA Bonaparte

Antiornis grahami Riley

Proc. Biol. Soc. Washington 39: 55, July 30, 1926.

=*Cettia fortipes davidiana* (Verreaux), *fide* Deignan (MS.).

303857. Immature male. Mount Omei (at elev. 3,500 feet), Province of Szechwan, China. Aug. 25, 1924. Collected by David C. Graham. Original number 527.

Genus MEGALURUS Horsfield

Megalurus timoriensis mindorensis Salomonsen

Vidensk. Medd. fra Dansk Naturh. Foren. 115: 265, Nov. 28, 1953.

202124. Adult female. "Camp No. 7, Summit of Halcon Ridge," Mount Halcón (at elev. 8,000 feet), Mindoro Island, Philippine Islands. Nov. 22, 1906. Collected by Edgar A. Mearns. Original number 14500.

Megalurus celebensis Riley

Proc. Biol. Soc. Washington 32: 94, May 20, 1919.

=*Megalurus timoriensis celebensis* Riley. See Stresemann, Journ. für Orn. 88: 100, 1940.

252087. Adult male. Doda (lat. 1°45′ S., long. 120°14′ E.), Besoa District, Celebes. October 23, 1917. Collected by Harry C. Raven. Original number 4551.

Genus APALIS Swainson

Apalis thescela Oberholser

Proc. U.S. Nat. Mus. 28: 904, July 8, 1905.

=*Apalis griseiceps thescela* Oberholser. See Friedmann, *in* Friedmann and Loveridge, Bull. Mus. Comp. Zool. 81: 265, 1937.

118074. Adult male. Mount Kilimanjaro (at elev. 6,000 feet), Tanganyika Territory. Aug. 4, 1888. Collected by William L. Abbott.

Genus EMINIA Hartlaub

Eminia lepidus [*sic*] **hypochlorus** [*sic*] Mearns

Smithsonian Misc. Coll. 56 (20): 10, Apr. 17, 1911.

=*Eminia lepida hypochlora* Mearns. See Friedmann, *in* Friedmann and Loveridge, Bull. Mus. Comp. Zool. 81: 266, 1937.

215355. Adult male. Wambugu (elev. 5,500 feet), South Nyeri District, Kenya Colony. Oct. 24, 1909. Collected by Edgar A. Mearns. Original number 17301. Smithsonian African Expedition.

Genus SYLVIETTA Lafresnaye

Sylvietta brachyura tavetensis Mearns

Smithsonian Misc. Coll. 61 (20): 5, Nov. 29, 1913.

=*Sylvietta brachyura leucopsis* Reichenow. See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 180, 1937.

118155. Adult female. Plains of Taveta, Teita District, Kenya Colony. Aug. 13, 1888. Collected by William L. Abbott.

Sylvietta whytii abayensis Mearns

Smithsonian Misc. Coll. 61 (20): 4, Nov. 29, 1913.

245199. Adult male. Gato River (at elev. 4,000 feet), near Gardulla, southern Ethiopia. Apr. 6, 1912. Collected by Edgar A. Mearns. Original number 21057. Childs Frick African Expedition (1911–1912).

Sylvietta whytii loringi Mearns

Smithsonian Misc. Coll. 56 (20): 11, Apr. 17, 1911.

215360. Adult male. Fort Hall (elev. 3,900 feet), Fort Hall District, Kenya Colony. Oct. 28, 1909. Collected by J. Alden Loring. Original number 531. Smithsonian African Expedition.

Sylvietta rufescens ochrocara Oberholser

Smithsonian Misc. Coll. 47 [Quarterly Issue 2(3)]: 373, Mar. 2, 1905.

=*Sylvietta rufescens rufescens* (Vieillot). See Roberts, Birds of South Africa, pp. 258, 259, 1940.

98155. Adult (sex not indicated). Damaraland, Territory of South-West Africa. Registered at the British Museum (Natural History) on Dec. 24, 1866. Collected by Charles J. Anderson. Received from the British Museum (Natural History), where it was No. 66.12.24.14.

Sylvietta leucophrys keniensis Mearns

Smithsonian Misc. Coll. 61 (20): 5, Nov. 29, 1913.

215605. Adult male. Mount Kenya (at elev. 8,500 feet), Kenya Colony. Oct. 13, 1909. Collected by Edgar A. Mearns. Original number 17130. Smithsonian African Expedition.

Genus CISTICOLA Kaup

Cisticola subruficapilla fricki Mearns

Smithsonian Misc. Coll. 61 (11): 3, Aug. 30, 1913.

=*Cisticola chiniana bodessa* Mearns. See Lynes, Ibis (12) 6 (suppl. No.): 633, 1930.

217992. Adult male in winter plumage. "On the east shore of White Lake Abaya"=eastern shore of the Southern Abaya Lake (elev. 3,600 feet), southern Ethiopia. Mar. 20, 1912. Collected by Childs Frick. Childs Frick African Expedition (1911–1912).

Cisticola subruficapilla bodessa Mearns

Smithsonian Misc. Coll. 61 (11): 2, Aug. 30, 1913.

=*Cisticola chiniana bodessa* Mearns. See Lynes, Ibis (12) 6 (suppl. No.): 620, 1930.

245778. Adult male in summer plumage. Bodessa (lat. 5°08′ N., long. 37°44′ E.), southern Ethiopia. May 27, 1912. Collected by Edgar A. Mearns. Original number 21896. Childs Frick African Expedition (1911–1912).

Cisticola subruficapilla borea Mearns

Smithsonian Misc. Coll. 56 (25): 3, Nov. 23, 1911.

=*Cisticola chiniana simplex* (von Heuglin). See Lynes, Ibis (12) 6 (suppl. No.): 621, 1930.

217127. Adult male in winter plumage. "Rhino Camp" (on the left bank of the Bahr-el-Jebel at lat. 2°55′ N.), about 15 miles north of Wadelai, West Nile District, Northern Province, Uganda Protectorate. Jan. 30, 1910. Collected by Edgar A. Mearns. Original number 18244. Smithsonian African Expedition.

Cisticola subruficapilla æquatorialis Mearns

Smithsonian Misc. Coll. 56 (25): 2, Nov. 23, 1911.

=*Cisticola chiniana humilis* von Madarász. See Lynes, Ibis (12) 6 (suppl. No.): 616, 1930.

214431. Adult male in molt. Lake Naivasha (elev. 6,350 feet), Naivasha District, Kenya Colony. July 22, 1909. Collected by Edgar A. Mearns. Original number 16355. Smithsonian African Expedition.

Cisticola prinioides wambugensis Mearns

Smithsonian Misc. Coll. 60 (20): 1, Feb. 14, 1913.

=*Cisticola hunteri prinioides* Neumann. See Lynes, Ibis (12) 6 (suppl. No.): 672, 1930.

215390. Adult male in perennial dress. Wambugu (elev. 5,500 feet), South Nyeri District, Kenya Colony. Oct. 24, 1909. Collected by Edgar A. Mearns. Original number 17303. Smithsonian African Expedition.

Cisticola prinioides kilimensis Mearns

Smithsonian Misc. Coll. 56 (25): 1, Nov. 23, 1911.

=*Cisticola hunteri prinioides* Neumann. See Lynes, Ibis (12) 6 (suppl. No.): 641, 1930.

118025. Immature (not adult) male. Maranu (elev. 5,000 feet), Mount Kilimanjaro, Tanganyika Territory. Apr. 3, 1888. Collected by William L. Abbott.

Cisticola robusta abaya Mearns

Smithsonian Misc. Coll. 61 (11): 1, Aug. 30, 1913.

=*Cisticola natalensis inexpectata* Neumann. See Lynes, Ibis (12) 6 (suppl. No.): 615, 1930.

245693. Adult male in winter dress. "Southeast shore of Lake Abaya"= southeastern shore of the Southern Abaya Lake (elev. 3,600 feet), southern Ethiopia. Mar. 21, 1912. Collected by Edgar A. Mearns. Original number 20797. Childs Frick African Expedition (1911–1912).

Cisticola natalensis nilotica Mearns

Smithsonian Misc. Coll. 61 (11): 4, Aug. 30, 1913.

=*Cisticola natalensis valida* (von Heuglin). See Lynes, Ibis (12) 6 (suppl. No.): 652, 1930.

217132. Adult female in molt. "Rhino Camp" (on the left bank of the Bahr-el-Jebel at lat. 2°55′ N.), about 15 miles north of Wadelai, West Nile District, Northern Province, Uganda Protectorate. Jan. 20, 1910. Collected by Edgar A. Mearns. Original number 18132. Smithsonian African Expedition.

Cisticola robusta tana Mearns

Smithsonian Misc. Coll. 61 (11) : 2, Aug. 30, 1913.

=*Cisticola natalensis kapitensis* Mearns. See Lynes, Ibis (12) 6 (suppl. No.) : 667, 1930.

245695. Adult male in winter plumage. "Camp No. 5 (Childs Frick Expedition), Tana River" (a site on the left bank of the Upper Tana somewhere between lat. 0°12′ S., long. 38°00′ E. and the mouth of the Thika River), Kenya Colony. Aug. 19, 1912. Collected by Edgar A. Mearns. Original number 23756. Childs Frick African Expedition (1911–1912).

Cisticola strangei kapitensis Mearns

Smithsonian Misc. Coll. 56 (25) : 4, Nov. 23, 1911.

=*Cisticola natalensis kapitensis* Mearns. See Lynes, Ibis (12) 6 (suppl. No.) : 640, 1930.

213547. Adult male in summer plumage. Potha (elev. 4,250 feet), Kapiti Plains, Masai Reserve or Machakos District, Kenya Colony. Apr. 29, 1909. Collected by Edgar A. Mearns. Original number 15644. Smithsonian African Expedition.

Cisticola hypoxantha reichenowi Mearns

Smithsonian Misc. Coll. 56 (25) : 6, Nov. 23, 1911.

=*Cisticola brachyptera reichenowi* Mearns. See Lynes, Ibis (12) 6 (suppl. No.) : 657, 1930.

215430. Immature (not adult) male. Changamwe, Kilifi District, Kenya Colony. Nov. 30, 1909. Collected by Edgar A. Mearns. Original number 17702. Smithsonian African Expedition.

Genus PRINIA Horsfield

Franklinia rufescens dalatensis Riley

Proc. Biol. Soc. Washington 53: 79, June 28, 1940.

=*Prinia rufescens dalatensis* (Riley). See Deignan, Smithsonian Misc. Coll. 103 (3) : 4, 1942.

359217. Adult male. Fimnon (elev. 3,000 feet), Province of Phanrang, southern Annam. August 1939 (not 1935). Collected by Joseph F. C. Rock. Original number 659.

Prinia rufescens objurgans Deignan

Smithsonian Misc. Coll. 103 (3) : 3, Sept. 1, 1942.

334623. Adult male. Ban Si Racha (lat. 13°10′ N., long. 100°55′ E.), Province of Rayong, southeastern Thailand. Apr. 19, 1934. Collected by Hugh McC. Smith. Original number 7064.

Prinia rufescens peninsularis Deignan

Smithsonian Misc. Coll. 103 (3) : 3, Sept. 1, 1942.

160572. Adult female. Province of Trang, peninsular Thailand. Jan. 20, 1897. Collected by William L. Abbott.

Prinia rufescens extrema Deignan

Smithsonian Misc. Coll. 103 (3) : 3, Sept. 1, 1942.

308245. Adult male. Bang Nara=Narathiwat (lat. 6°25′ N., long. 101°50′ E.), Province of Pattani, peninsular Thailand. July 13, 1926. Collected by Hugh McC. Smith. Original number 1148.

Prinia hodgsonii erro Deignan

Smithsonian Misc. Coll. 103 (3) : 6, Sept. 1, 1942.

350283. Adult female. Muang Chiang Mai (lat. 18°45′ N., long. 99°00′ E.), elev. 1,000 feet, Province of Chiang Mai, northwestern Thailand. Jan. 24, 1936. Collected by Herbert G. Deignan. Original number 872.

Prinia flaviventris delacouri Deignan

Smithsonian Misc. Coll. 103 (3) : 9, Sept. 1, 1942.

371477. Adult male. Muang Chiang Mai (lat. 18°45′ N., long. 99°00′ E.), elev. 1,000 feet, Province of Chiang Mai, northwestern Thailand. Jan. 30, 1932. Collected by Herbert G. Deignan. Original number 496. Received from the Princeton Museum of Zoology, where it was No. 10301.

Burnesia dysancrita halistona Oberholser

Smithsonian Misc. Coll. 60 (7) : 14, Oct. 26, 1912.

=*Prinia flaviventris halistona* (Oberholser). See Ripley, Bull. Mus. Comp. Zoöl. 94: 395-396, 1944.

180950. Adult male (not female). Taliwaa, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 22, 1905. Collected by William L. Abbott.

Prinia polychroa rocki Deignan

Bull. Brit. Orn. Club 77 (2) : 24, Feb. 1, 1957.

361149. Adult male (in fresh winter plumage). Fimnom (lat. 11°47′ N., long. 108°24′ E.), southern Annam. November 1939. Collected by Joseph F. C. Rock. Original number 1046.

Burnesia dysancrita Oberholser

Smithsonian Misc. Coll. 60 (7) : 14, Oct. 26, 1912.

=*Prinia atrogularis albogularis* (Hume). See Deignan, Smithsonian Misc. Coll. 103 (3) : 12, 1942.

179306. Adult male. "Loh Sidoh Bay"=Sidoh Bay (lat. 5°21′ N., long. 95°15′ E.), northwestern Sumatra. Nov. 7, 1901. Collected by William L. Abbott.

Genus LOCUSTELLA Kaup

Acrocephalus dybowskii "Stejneger, MS." Ridgway

Proc. U.S. Nat. Mus. 6: 92, Aug. 2, 1883.

=*Locustella ochotensis ochotensis* (Middendorff). See Wetmore, Condor 53: 206, 1951.

89151. Adult male. Petropavlovsk-Kamchatskii, Kamchatka District, Far-Eastern Region, Russian SFSR. July 5, 1882. Collected by Leonhard H. Stejneger. Original number 1251.

Genus ACROCEPHALUS Naumann

Conopoderas kingi Wetmore

Condor 26 (5) : 177, Sept. 15, 1924.

=*Acrocephalus kingi* (Wetmore). See Munro, Birds of Hawaii, p. 80, 1944.

287888. Adult male. Nihoa Island, Hawaiian Islands, Oceania. June 11, 1923. Collected by Alexander Wetmore. Original number 7318. Received from the U.S. Fish and Wildlife Service.

Conopoderas atypha nesiarcha Wetmore

in C. H. Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4) : 210, August 1919.

=*Acrocephalus atypha atypha* (Wetmore). See Murphy and Mathews, Amer. Mus. Nov. 350: 6, 7–8, 1929; Tristram, Ibis (5) 1: 40–41, 1883.

212511. Immature? male. Rangiroa (Rahiroa) Island (lat. 15°10′ S., long. 147°30′ W.), Tuamotu Islands, Oceania. Sept. 21, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Conopoderas atypha agassizi Wetmore

in C. H. Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4) : 210, August 1919.

=*Acrocephalus atypha atypha* (Wetmore). See Murphy and Mathews, Amer. Mus. Nov. 350: 6, 7, 1929; Tristram, Ibis (5) 1: 40–41, 1883.

212491. Adult male. Apataki Island (lat. 15°30′ S., long. 146°20′ W.), Tuamotu Islands, Oceania. Oct. 7, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Conopoderas atypha Wetmore

in C. H. Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4) : 206, August 1919.

=*Acrocephalus atypha atypha* (Wetmore). See Murphy and Mathews, Amer. Mus. Nov. 350: 6,7, 1929; Tristram, Ibis (5) 1: 40–41, 1883.

212493. Adult male. Fakarava (Fakarawa) Island (lat. 16°10′ S., long. 145°35′ W.), Tuamotu Islands, Oceania. Oct. 11, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Conopoderas atypha crypta Wetmore

in C. H. Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4) : 209, August 1919.

=*Acrocephalus atypha atypha* (Wetmore). See Murphy and Mathews, Amer. Mus. Nov. 350: 6, 9–10, 1929; Tristram, Ibis (5) 1: 40–41, 1883.

212507. Adult male. Makemo Island (lat. 16°35′ S., long. 143°40′ W.), Tuamotu Islands, Oceania. Oct. 20, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Conopoderas atypha erema Wetmore

in C. H. Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4) : 211, August 1919.

=*Acrocephalus atypha erema* (Wetmore). See Murphy and Mathews, Amer. Mus. Nov. 350: 15–16, 1929; Tristram, Ibis (5) 1: 40–41, 1883.

212505. Adult male. Makatea (Metia, Aurora) Island (lat. 15°50′ S., long. 148°12′ W.), Tuamotu Islands, Oceania. Oct. 6, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Conopoderas atypha rava Wetmore

in C. H. Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4) : 208, August 1919.

=*Acrocephalus atypha rava* (Wetmore). See Murphy and Mathews, Amer. Mus. Nov. 350: 14–15, 1929; Tristram, Ibis (5) 1: 40–41, 1883.

212516. Adult male. Pinaki (Nganati, Whitsunday) Island (lat. 19°20′ S., long. 138°45′ W.), Tuamotu Islands, Oceania. Oct. 31, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Conopoderas percernis Wetmore

in C. H. Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4) : 213, August 1919.

=*Acrocephalus caffra percernis* (Wetmore). See Murphy and Mathews, Amer. Mus. Nov. 337: 11–12, 1928; Tristram, Ibis (5) 1: 40–41, 1883.

212479. Adult male. Nukuhiva Island, Marquesas Islands, Oceania. Sept. 15, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus PHYLLOSCOPUS Boie

Phylloscopus subaffinis arcanus Ripley

Proc. Biol. Soc. Washington 63: 105, May 25, 1950.

408868. Adult female. Tikapur, Kailali District, western Nepal. Jan. 7, 1949. Collected by S. Dillon Ripley. Original number 459. National Geographic Society - Yale University - Smithsonian Institution Expedition to Nepal.

Phylloscopus maculipennis centralis Ripley

Proc. Biol. Soc. Washington 63: 106, May 25, 1950.

408864. Adult female? (not female). Rekcha, Dailekh District, western Nepal. Dec. 28, 1948. Collected by S. Dillon Ripley. Original number 345. National Geographic Society - Yale University - Smithsonian Institution Expedition to Nepal.

Phyllopneuste Kennicotti Baird

Trans. Chicago Acad. Sci. 1 (2) : 313, pl. xxx, fig. 2 (not earlier than Oct. 22), 1869.

=*Phylloscopus borealis kennicotti* (Baird). See Ticehurst, A systematic review of the genus *Phylloscopus,* p. 131, 1938.

45909. Adult (sex not indicated). Saint Michael (on the southern shore of Norton Sound), western Alaska. Aug. 16, 1866. Collected by Charles Pease. Original number 178. Western Union Company's Overland International Telegraph Expedition.

Acanthopneuste ijimæ Stejneger

Proc. U.S. Nat. Mus. 15: 372, Sept. 19, 1892.

=*Phylloscopus coronatus ijimae* (Stejneger). See Ticehurst, A systematic review of the genus *Phylloscopus,* p. 162, 1938.

111663. Adult male. Idzumura, Miyake Island (lat. 34°05′ N., long. 139°32′ E.), Izu Islands, Japan. May 3, 1887. Collected by M. Namiye. Original number 8a. Received from the Tokyo Educational Museum.

Cryptolopha flavigularis Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1) : 23, Dec. 8, 1894.

=*Phylloscopus olivaceus flavigularis* (Bourns and Worcester), *fide* Deignan (MS.).

316167. Adult male. Toledo, Cebú Island, Philippine Islands. June 14, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3560 of the Menage Collection.

Phylloscopus davisoni intensior Deignan

Proc. Biol. Soc. Washington 69 (36) : 209, Dec. 31, 1956.

324638. Adult male. Khao Kuap (lat. 12°25′ N., long. 102°50′ E.), Trat Province, Thailand. Dec. 26, 1929. Collected by Hugh McC. Smith. Original number 3571.

Acanthopneuste klossi Riley

Auk 39 (4) : 560, Oct. 3, 1922.

=*Phylloscopus davisoni klossi* (Riley). See Ticehurst, A systematic review of the genus *Phylloscopus,* p. 181, 1938.

278561. Adult male. Lang Bian Peaks (at elev. 6,000–7,500 feet), Haut-Donaï Province, southern Annam. Apr. 17, 1918. Collected by Cecil Boden Kloss.

Cryptolopha malindangensis Mearns

Proc. U.S. Nat. Mus. 36: 440, May 22, 1909.

=*Phylloscopus trivirgatus malindangensis* (Mearns). See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 199, 1946.

202360. Adult male. Summit of Mount Malindang ("altitude slightly above 9,000 feet"), Misamis Province, Mindanao Island, Philippine Islands. June 6, 1906. Collected by Edgar A. Mearns. Original number 14275.

Cryptolopha nesophila Riley

Proc. Biol. Soc. Washington 31: 159, Dec. 30, 1918.

=*Phylloscopus trivirgatus nesophilus* (Riley). See Stresemann, Journ. für Orn. 88: 106, 107, 1940.

251146. Adult male. Gunong Lehio (lat. 1°33′ S., long. 119°53′ E.), north-central Celebes. Jan. 19, 1917. Collected by Harry C. Raven. Original number 3424.

Genus SEICERCUS Swainson

Seicercus xanthoschistos pulla Ripley

Proc. Biol. Soc. Washington 61: 106, June 16, 1948.

=*Seicercus xanthoschista pullus* Ripley, *fide* Deignan (MS.).

390565. Adult female. Dening (elev. 2,150 feet), Mishmi Hills, Sadiya Frontier Tract, Assam State, India. Dec. 30, 1946. Collected by S. Dillon Ripley. Original number 191. Smithsonian Institution-Yale University Expedition.

Seicercus castaniceps collinsi Deignan

Proc. Biol. Soc. Washington 56: 29, Feb. 25, 1943.

330867. Adult male. Doi Langka=Khao Pha Cho (lat. 19°00′ N., long. 99°25′ E.), northern Thailand. Apr. 22, 1931. Collected by Hugh McC. Smith. Original number 4643.

Genus ABROSCOPUS Stuart Baker

Abroscopus superciliaris drasticus Deignan

Proc. Biol. Soc. Washington 60: 20, Apr. 3, 1947.

265060. Adult female. Margherita, Lakhimpur District, Assam State, India. Nov. 26, 1903. Collected by Henry N. Coltart. Original number 4407.

Abroscopus albogularis hugonis Deignan

Auk 55 (3): 510, July 12, 1938.

330869. Adult male. Pang Mae Ton (lat. 18°55′ N., long. 99°15′ E.), northern Thailand. May 2, 1931. Collected by Hugh McC. Smith. Original number 4752.

Genus ORTHOTOMUS Horsfield

Phyllergates heterolæmus Mearns

Proc. Biol. Soc. Washington 18: 86, Feb. 21, 1905.

=*Orthotomus cucullatus heterolaemus* (Mearns). See Mayr, *in* Delacour and Mayr, Birds of the Philippines, pp. 200, 201, 1946.

192258. Adult (sex not indicated). Mount Apo (at elev. 6,700 feet), Province of Dávao, Mindanao Island, Philippine Islands. June 21, 1904. Collected by Edgar A. Mearns. Original number 13550.

Orthotomus atrogularis eumelas Oberholser

Smithsonian Misc. Coll. 76 (6) : 6, July 16, 1923.

=*Orthotomus atrogularis atrogularis* Temminck, *fide* Deignan (MS.).

180597. Adult male. Tanjong Bedawu (not "Bedaan"), lat. 2°36′ S., long. 105°53′ E., Bangka Island, South China Sea off Sumatra. June 9 (not 3), 1904. Collected by William L. Abbott.

Orthotomus sutorius luteus Ripley

Proc. Biol. Soc. Washington 61: 105, June 16, 1948.

390559. Adult male. Tezu (elev. 648 feet), Mishmi Hills, Sadiya Frontier Tract, Assam State, India. Jan. 10, 1947. Collected by S. Dillon Ripley. Original number 356. Smithsonian Institution-Yale University Expedition.

Orthotomus sericeus hesperius Oberholser

U.S. Nat. Mus. Bull. 159: 89, 1932.

170785. Adult male. Pulau Lingga (lat. 0°08′ S., long. 104°32′ E.), Lingga Archipelago, South China Sea off Sumatra. July 19, 1899. Collected by William L. Abbott.

Orthotomus sericeus eupolius Oberholser

U.S. Nat. Mus. Bull. 159: 89, 1932.

=*Orthotomus sericeus nuntius* Bangs, *fide* Deignan (MS.).

200605. Adult male. Sibutu Island, Sulu Group, Philippine Islands. Jan. 7, 1906. Collected by Edgar A. Mearns. Original number 13861.

Orthotomus cinereiceps obscurior Mayr

Journ. Washington Acad. Sci. 37 (4) : 140, Apr. 12, 1947.

210841. Adult male. Catagán (elev. 1,100 feet), at the foot of Mount Malindang, Province of Misamis, Mindanao Island, Philippine Islands. May 19, 1906. Collected by Edgar A. Mearns. Original number 14162.

Orthotomus cineraceus baeus Oberholser

Smithsonian Misc. Coll. 60 (7) : 13, Oct. 26, 1912.

=*Orthotomus sepium ruficeps* (Lesson). See Ripley, Bull. Mus. Comp. Zool. 94: 394, 1944.

179957. Adult male. Siaba Bay, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 19, 1903. Collected by William L. Abbott.

Orthotomus cineraceus ochrommatus Oberholser

Smithsonian Misc. Coll. 60 (7): 13, Oct. 26, 1912.

=*Orthotomus sepium ruficeps* (Lesson). See Ripley, Bull. Mus. Comp. Zool. 94: 394, 1944.

179958. Adult male. North Pagi Island, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 23, 1902. Collected by William L. Abbott.

Orthotomus sepium concinnus Riley

Proc. Biol. Soc. Washington 40: 96, June 30, 1927.

279856. Adult male. Sipora Island, Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Oct. 15, 1924. Collected by Cecil Boden Kloss.

Orthotomus cineraceus cagayanensis Riley

Proc. Biol. Soc. Washington 48: 147, Oct. 31, 1935.

=*Orthotomus sepium cagayanensis* Riley. See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 276, 1946.

210844. Adult male. Cagayán Sulu Island (in the Sulu Sea northwest of the Sulu Group), Sulu Province, Philippine Islands. Oct. 15, 1906. Collected by Edgar A. Mearns. Original number 14432.

Genus MACROSPHENUS Cassin

Macrosphenus collinsi Riley

Auk 41 (2): 326, Apr. 11, 1924.

=*Macrosphenus flavicans flavicans* Cassin. See Sclater, Systema avium æthiopicarum 2: 365 (footnote 3), 1930.

255620. Subadult (not adult) female. Aguma (on the N'Komi River at about lat. 1°32′ S., long. 10°08′ E.), Gabon, French Equatorial Africa. Nov. 29, 1918. Collected by Charles R. Aschemeier. Original number 900. Collins-Garner Congo Expedition.

Genus POLIOPTILA P. L. Sclater

P[olioptila]. cærulea cæsiogaster Ridgway

Manual of North American Birds, p. 569, September 1887.

=*Polioptila caerulea caerulea* (Linnaeus). See Hellmayr, Catalogue of birds of the Americas 7: 485, 1934.

108461. Adult female. Great Abaco Island, Bahama Islands. Mar. 26, 1886. Collected by Willard Nye, Jr. Received from the U.S. Fish Commission.

108462. Adult female. Great Abaco Island, Bahama Islands. Apr. 6, 1886. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

108463. Adult female. Mar. 27, 1886. Other data same as for No. 108462.

108464. Adult male. Mar. 27, 1886. Other data same as for No. 108462.

108465. Adult male. Mar. 25, 1886. Other data same as for No. 108462.

108466. Adult male. Great Abaco Island, Bahama Islands. Apr. 6, 1886. Collected by Willard Nye, Jr. Received from the U.S. Fish Commission.

108467. Adult male. Mar. 25, 1886. Other data same as for No. 108466.

108468. Adult female. Mar. 25, 1886. Other data same as for No. 108462.

108469. Adult male. Mar. 26, 1886. Other data same as for No. 108462.

108470. Adult male. Mar. 26, 1886. Other data same as for No. 108462.

108471. Adult male. Mar. 26, 1886. Other data same as for No. 108462.

108653. Adult female. New Providence Island, Bahama Islands. Apr. 15, 1886. Collected by James E. Benedict. Received from the U.S. Fish Commission.

108654. Adult male. New Providence Island, Bahama Islands. Mar. 19, 1886. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

108655. Adult male. Mar. 19, 1886. Other data same as for No. 108654.

108656. Adult male. Apr. 17, 1886. Other data same as for No. 108653.

108657. Adult male. New Providence Island, Bahama Islands. Mar. 19, 1886. Collected by Willard Nye, Jr. Received from the U.S. Fish Commission.

108694. Adult male. Mar. 19, 1886. Other data same as for No. 108654.

Ridgway, at the original description of this form, stated that 17 specimens, from Abaco and New Providence Islands, had been examined, but designated no one of them as the type. Subsequently (possibly in 1904 during preparation of the third part of The Birds of North and Middle America), he made No. 108655 the lectotype. I consider this action a mere restriction of type locality and here list all of the original series as equivalent cotypes.

P[olioptila]. cærulea obscura Ridgway

in Belding, Proc. U.S. Nat. Mus. 5: 535 (footnote), Apr. 3, 1883.

=*Polioptila caerulea obscura* Ridgway. See Grinnell, Proc. California Acad. Sci. (4) 15: 493–494, 495, 1926.

87530. Adult male. San José del Cabo, State of Baja California, México. Apr. 17, 1882. Collected by Lyman Belding.

This race was based upon a series of six specimens, each of which was treated by Ridgway as a cotype. Grinnell (*loc. cit.*) has shown, however, that Ridgway's material embraced two forms, and by restricting Ridgway's name to the population of Cape San Lucas, has left No. 87530 as the only possible type of *P. c. obscura.*

Polioptila nelsoni Ridgway

Proc. Biol. Soc. Washington 16: 109, Sept. 30, 1903.

=*Polioptila caerulea nelsoni* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 488, 1934.

142695. Adult male. Oaxaca, State of Oaxaca, México. June 21, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2126. Received from the U.S. Fish and Wildlife Service.

Polioptila albiloris vanrossemi Brodkorb

Journ. Washington Acad. Sci. 34 (9) : 312, Sept. 12, 1944.

54114 (not 54441). Adult male. Quiotepec, District of Cuicatlán, State of Oaxaca, México. Aug. 8, 1868. Collected by A. L. François Sumichrast. Original number 12.

Polioptila bairdi Ridgway

Proc. Biol. Soc. Washington 16: 110, Sept. 30, 1903.

=*Polioptila albiloris bairdi* Ridgway. See Brodkorb, Journ. Washington Acad. Sci. 34: 315, 1944.

89693. Adult male. San Juan del Sur, Department of Rivas, Nicaragua. Jan. 6, 1883. Collected by Charles C. Nutting. Original number 364.

Polioptila superciliaris magna Ridgway

Proc. Biol. Soc. Washington 16: 110, Sept. 30, 1903.

=*Polioptila plumbea bilineata* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 7: 501, 503, 1934.

189563. Adult female. Cartago, Province of Cartago, Costa Rica. April 1886. Collected by Juan J. Cooper. Original number 17. Received from the Museo Nacional de Costa Rica.

Polioptila plumbea cinericia Wetmore

Smithsonian Misc. Coll. 134 (9) : 80, July 8, 1957.

461129. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Feb. 1, 1956. Collected by Alexander Wetmore. Original number 20558.

Polioptila nigriceps Baird

Review of American birds 1: 67 (in key), 69, July 1864.

=*Polioptila nigriceps nigriceps* Baird. See Hellmayr, Catalogue of birds of the Americas 7: 506, 1934.

23781. Adult male. "Mazatlan river," State of Sinaloa, México. July 1861. Collected by John Xántus. Original number 294.

Culicivora plumbea Baird

Proc. Acad. Nat. Sci. Philadelphia 7 (3) : 118 (not earlier than June 27), 1854.

=*Polioptila melanura lucida* Van Rossem. See Hellmayr, Catalogue of birds of the Americas 7: 508, 1934.

7189. Adult (sex not indicated). "Camp 119, Bill Williams's Fork"=a point on the Williams River near the western boundary of Yavapai County, Mohave or Yuma County, Arizona. Feb. 11, 1854. Collected by Caleb B. R. Kennerly. Pacific Railroad Survey, Line of the 35th Parallel.

Polioptila margaritæ Ridgway

Birds of North and Middle America 3: 733 (footnote *a*), Dec. 31, 1904.

=*Polioptila melanura margaritae* Ridgway. See Hellmayr, Catalogue of birds of the Americas 7: 509, 1934.

149938. Immature (not adult) female? Santa Margarita Island (off the western coast at lat. 24°25′ N.), State of Baja California, México. May 2, 1888. Collector unknown. Received from the U.S. Fish Commission.

149939. Immature male. Santa Margarita Island, State of Baja California, México. May 2, 1888. Collector unknown. Received from the U.S. Fish Commission.

Family REGULIDAE: Kinglets

Genus REGULUS Cuvier

[Regulus satrapa] variety **olivaceus** Baird

Review of American birds 1: 65, July 1864.

=*Regulus satrapa olivaceus* Baird. See A.O.U., Checklist of North American birds, ed. 4, p. 266, 1931.

7176. Immature (sex not indicated). Fort Steilacoom, Pierce County, Washington. Entered into the museum register in October 1857. Collected by George Suckley. Original number 130. Pacific Railroad Survey, Line of the 47th Parallel.

Baird based his new form upon three "western specimens": No. 11801, a female, from Simiahmoo; No. 7176, listed above; No. 16151, a male, from Fort Crook, California. Richmond, long ago, decided that No. 16151 should be the lectotype, but as early as July 5, 1908 (according to his MS. note) was unable to locate the specimen. No. 11801 has similarly vanished without trace from the collection. In the circumstances, No. 7176, the sole remaining cotype, has acquired an importance it would otherwise have lacked.

Regulus calendula grinnelli W. Palmer

Auk 14 (4): 399, October 1897.

160931. Adult male. Sitka, Baranof Island, southeastern Alaska. June 23, 1896. Collected by Joseph Grinnell. Original number 1161. Received from Joseph Grinnell.

Regulus calendula obscurus Ridgway

Bull. U.S. Geol. and Geogr. Surv. Terr. 2 (2) : 184, 1876.

70036. Adult male. Guadalupe Island (lat. 29°00′ N., long. 118°15′ W.), eastern Pacific Ocean off the State of Baja California, México. Apr. 1, 1875. Collected by Edward Palmer. Original number 36.

70037. Adult male. Original number 36. Other data same as for No. 70036.

80430 (=70038). Original number 36. Other data same as for No. 70036.

70039. Adult male. Original number 36. Other data same as for No. 70036.

70040. Adult female. Original number 37. Other data same as for No. 70036.

No. 70038 became part of the private collection of Robert Ridgway, at which time its original label was removed, and the data were copied only in part onto Ridgway's own label. When the specimen was returned to the museum in 1880, it was entered into the register as though part of an entirely new accession, with the new number 80430.

No. 70039 suffered the misfortune of spending many years as part of the exhibition collection; its coronal patch has become white, and the general coloration of the upper parts has faded to a brownish gray.

Family MUSCICAPIDAE: Old-World Flycatchers

Genus RHIPIDURA Vigors and Horsfield

Muscipeta cyaniceps Cassin

Proc. Acad. Nat. Sci. Philadelphia 7 (12) : 438 (not earlier than Dec. 25, 1855), 1855 or 1856.

=*Rhipidura cyaniceps cyaniceps* (Cassin). See Hachisuka, Birds of the Philippine Islands 2 (4) : 317, 1935.

15753. Adult (sex not indicated). "Philippine Islands"=neighborhood of Manila, Luzón Island, Philippine Islands. Jan. 13–21, 1842. Original number unknown. U.S. Exploring Expedition (1838–1842).

Rhipidura sauli Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1(1) : 26, Dec. 8, 1894.

=*Rhipidura cyaniceps sauli* Bourns and Worcester. See Hachisuka, Birds of the Philippine Islands 2 (4) : 318, 1935.

316160. Adult male. Badajoz, Tablas Island, Philippine Islands. Sept. 21, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1878 of the Menage Collection.

316161. Adult female. Badajoz, Tablas Island, Philippine Islands. Sept. 28, 1892. Collected by Dean C. Worcester and Frank S. Bourns.

Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1890 of the Menage Collection.

Bourns and Worcester had a series of twelve males and three females, all of which are now in Washington. The two here listed are the ones on whose labels the describers themselves wrote the word "TYPE."

Rhipidura hutchinsoni Mearns

Philippine Journn. Sci. 2 (5) sec. A: 357, October 1907.

=*Rhipidura nigrocinnamomea hutchinsoni* Mearns. See Hachisuka, Birds of the Philippine Islands 2 (4): 320, 1935.

202520. Adult male. Mount Bliss (at elev. 5,750 feet), Mount Malindang, Province of Misamis, Mindanao Island, Philippine Islands. July 9, 1906. Collected by Robert A. Schroder. Original number 52. Received from Robert A. Schroder.

Rhipidura albicollis celsa Riley

Proc. Biol. Soc. Washington 42: 166, May 29, 1929.

311586. Adult female. "Khun Tan mountains"=Doi Khun Tan (lat. 18°30′ N., long. 99°20′ E.), at elev. 4,000 feet, Province of Lamphun, northern Thailand. Nov. 23, 1928. Collected by Hugh McC. Smith. Original number 2591.

Rhipidura nebulosa Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 99, "pl. XXVII, fig. 1," 1848.

=*Rhipidura nebulosa nebulosa* Peale. See Mayr, Amer. Mus. Nov. 502: 13, 1931.

15754. Immature (sex not indicated). Upolu Island, Samoan Islands, Oceania. October 1839. Original number unknown. U.S. Exploring Expedition (1838–1842).

Rhipidura rufifrons mariae R. H. Baker

Proc. Biol. Soc. Washington 59: 77, June 19, 1946.

384935. Adult male. Mariiru Point, Rota Island, Mariana Islands, Oceania. Oct. 22, 1945. Collected by David H. Johnson and Odis A. Muennink. Original number 1034. Received from the U.S. Naval Medical Research Unit No. 2.

Rhipidura mayi Ashby

Emu 11 (1): 41, July 1, 1911.

=*Rhipidura rufifrons dryas* Gould, *fide* Deignan (MS.).

254926. Adult (sex not indicated). Anson Bay, Northern Territory, Australia. 1911. Collected by C. E. May. Received from Edwin Ashby.

Ashby's name was based upon two formalinized cotypes. The label of our specimen, a mummy, bears the word "Co Type" in red ink, surrounded by two concentric circles in blue crayon.

Genus CHASIEMPIS Cabanis

Chasiempis sclateri Ridgway

Proc. U.S. Nat. Mus. 4: 337, Apr. 6, 1882.

=*Chasiempis sandwichensis sclateri* Ridgway. See Munro, Birds of Hawaii, p. 82, 1944.

41955. Immature (sex not indicated). Waimea, Kauai Island, Hawaiian Islands, Oceania. Entered into the museum register on June 27, 1866. Collected by Valdemar Knudsen.

41956. Immature (sex not indicated). Same data as No. 41955.

Chasiempis dolei Stejneger

Proc. U.S. Nat. Mus. 10: 90, May 17, 1887.

=*Chasiempis sandwichensis sclateri* Ridgway. See Wilson and Evans, Aves hawaiienses, p. [131], 189–; Munro, Birds of Hawaii, p. 82, 1944.

110040. Adult (sex not indicated). Kauai Island, Hawaiian Islands, Oceania. Entered into the museum register on Dec. 24, 1886. Collected by Valdemar Knudsen.

Genus CULICICAPA Swinhoe

Culicicapa ceylonensis calochrysea Oberholser

Smithsonian Misc. Coll. 76 (6) : 8, July 16, 1923.

95322. Adult male. "Quaymoo Choung [not 'Quaymos, Choung'], Thoungyin R^{r} " ("a small feeder of the Thoungyeen, entering a little below the rapids of Kamaukla [about lat. 17°15′ N.]," *fide* Bingham, Stray Feathers 9: 156, 1880), Amherst District, Tenasserim Division, Burma. Feb. 2, 1880. Collected by C. T. Bingham. Original number 295. Received from Richard Bowdler Sharpe.

Culicicapa ceylonensis antioxantha Oberholser

Smithsonian Misc. Coll. 76 (6) : 9, July 16, 1923.

169979. Adult male. Khao Soi Dao (lat. 7°20′ N., long. 99°50′ E.), Province of Trang, peninsular Thailand. Feb. 8, 1899. Collected by William L. Abbott.

Culicicapa ceylonensis percnocara Oberholser

Smithsonian Misc. Coll. 60 (7) : 12, Oct. 26, 1912.

=*Culicicapa ceylonensis ceylonensis* (Swainson). See Deignan, Auk 64: 583, 1947.

179425. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 23, 1901. Collected by William L. Abbott.

Culicicapa ceylonensis pellonota Oberholser

Smithsonian Misc. Coll. 60 (7) : 12, Oct. 26, 1912.

=*Culicicapa ceylonensis ceylonensis* (Swainson). See Deignan, Auk 64: 583, 1947.

180907. Adult male. Samasama, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 20, 1905. Collected by William L. Abbott.

Culicicapa ceylonensis amphiala Oberholser

Smithsonian Misc. Coll. 60 (7): 12, Oct. 26, 1912.

=*Culicicapa ceylonensis ceylonensis* (Swainson). See Deignan, Auk 64: 583, 1947.

179927. Adult male. North Pagi Island, Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 8, 1903. Collected by William L. Abbott.

Culicicapa ceylonensis cophila Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in list), 58, 1932.

=*Culicicapa ceylonensis ceylonensis* (Swainson). See Deignan, Auk 64: 583, 1947.

174834. Adult male. Pulau Bunguran (Great Natuna Island), northern Natuna Islands, South China Sea. July 2, 1900. Collected by William L. Abbott.

Culicicapa ceylonensis pellopira Oberholser

Smithsonian Misc. Coll. 76 (6): 9, July 16, 1923.

=*Culicicapa ceylonensis ceylonensis* (Swainson). See Deignan, Auk 64: 583, 1947.

220127. Adult male. Chibodas (elev. 4,500 feet), Mount Gedeh, Priangan Residency, West Java Province, Java. Sept. 3, 1909. Collected by William Palmer. Original number 1722. Owen Bryant Java Expedition.

Culicicapa helianthea mayri Deignan

Proc. Biol. Soc. Washington 60: 61, May 19, 1947.

315319. Adult male. Tataán, Tawitawi Island, Sulu Group, Philippine Islands. Oct. 15, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1970 of the Menage Collection.

Genus RHINOMYIAS Bowdler Sharpe

Rhinomyias nicobarica Richmond

Proc. U.S. Nat. Mus. 25: 295, Sept. 17, 1902.

=*Rhinomyias brunneata nicobarica* Richmond. See Vaurie, Amer. Mus. Nov. 1570: 20, 1952.

178740. Adult male. Pulau Kunyi, just off Great Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. Mar. 20, 1901. Collected by William L. Abbott.

Rhinomyias umbratilis richmondi Stone

Proc. Acad. Nat. Sci. Philadelphia 54: 686, Jan. 20, 1903.

=*Rhinomyias umbratilis* (Strickland). See Vaurie, Amer. Mus. Nov. 1570: 21, 22, 1952.

179422 (not 170,8–0). Adult (sex not indicated). Pulau Mansalar (lat. 1°39′ N., long. 98°30′ E.), off the coast of western Sumatra. Mar. 12, 1902. Collected by William L. Abbott.

Rhinomyias umbratilis eclipis Oberholser

Smithsonian Misc. Coll. 60 (7): 12, Oct. 26, 1912.

=*Rhinomyias umbratilis* (Strickland). See Vaurie, Amer. Mus. Nov. 1570: 21, 22, 1952.

179925. Adult male. Pulau Tanah Masa (lat. 0°11′ S., long. 98°27′ E.), Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 19, 1903. Collected by William L. Abbott.

Rhinomyias ruficauda mindanensis Mearns

Proc. U.S. Nat. Mus. 36: 439, May 22, 1909.

=*Rhinomyias ruficauda samarensis* (Steere). See Vaurie, Amer. Mus. Nov. 1570: 24, 1952.

190247. Adult male. Camp Pantar, Misamis Province, Mindanao Island, Philippine Islands. Aug. 24, 1903. Collected by Edgar A. Mearns. Original number 12929.

Rhynomyias [*sic*] **occularis** [*sic*] Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 28, Dec. 8, 1894.

=*Rhinomyias ruficauda occularis* Bourns and Worcester. See Vaurie, Amer. Mus. Nov. 1570: 24, 1952.

316158. Adult male. Sulu Island, Sulu Archipelago, Philippine Islands. Sept. 28, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2343 of the Menage Collection.

316159. Adult female. Tawitawi Island, Sulu Archipelago, Philippine Islands. Oct. 31, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2342½ of the Menage Collection.

Bourns and Worcester gave a detailed description of the male, and followed it with the statement "Sexes alike." Both Nos. 316158 and 316159 were marked by them as "Type," but it must be admitted that No. 316159 scarcely deserves the status of cotype.

Rhinomyias albigularis Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 27, Dec. 8, 1894.

=*Rhinomyias gularis albigularis* Bourns and Worcester. See Vaurie, Amer. Mus. Nov. 1570: 29, 1952.

316156. Adult male? Bais, Negros Oriental Province, Negros Island, Philippine Islands. Jan. 13, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1964 of the Menage Collection.

316157. Adult male. Bais, Negros Island, Philippine Islands. Jan. 11, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1963 of the Menage Collection.

Genus MUSCICAPA Brisson

Butalis pallens Stejneger

Proc. U.S. Nat. Mus. 10: 144, July 2, 1887.

=*Muscicapa griseisticta* (Swinhoe). See Hartert, Vögel der paläarktischen Fauna 1 (4): 478, 1907.

92535. Adult female. Bering Island, Commander Islands, southwestern Bering Sea. June 17, 1883. Collected by Leonhard H. Stejneger. Original number 2180.

Hartert (*loc. cit.*) comments on *Muscicapa griseisticta* (Swinhoe) as follows: "Im Frühjahr verbleicht das Gefieder der Oberseite bedeutend. Die Breite der Streifen an der Unterseite variiert etwas. Stejneger benannte einen am 17. Juni auf der Bering Insel erlegten 'straggler' dessen Geschlecht nicht festgestellt wurde bedingungsweise *pallens*. Es dürfte sich um das abgetragene Sommerkleid handeln."

Stejneger saw but two skins of true *griseisticta,* but I have compared his type with 26 specimens, some of them collected late in the spring; not one of them approximates *pallens* in the paleness of the upper parts or the narrowness of the streaks of the under parts. In the circumstances, one must accept the possibility that *pallens* is a valid race, of which the breeding ground is still unknown.

Siphia strophiata asema Deignan

Smithsonian Misc. Coll. 99 (18): 1, Dec. 11, 1940.

=*Muscicapa strophiata strophiata* (Hodgson), *fide* Deignan (MS.).

336545. Adult female. Doi Suthep (lat. 18°50′ N., long. 98°55′ E.), at elev. 5,500 feet, Chiang Mai Province, Thailand. Nov. 7, 1936. Collected by Herbert G. Deignan. Original number 1728.

No second specimen of "*Siphia strophiata asema*" has come to light, and it seems best to consider this putative form a mere variant of *Muscicapa strophiata strophiata.* "*Siphia rufigularis*" Scully, 1879, from Nepal, is apparently a very similar variant of the same species; whereas Scully's bird had the "chin, throat, and upper breast bright orange rufous," mine has these parts a very dull orange rufous.

Anthipes solitaria euroa Riley

Proc. Biol. Soc. Washington 53 (11): 48, Apr. 19, 1940.

=*Muscicapa solitaris submoniliger* (Hume)?, *fide* Deignan (MS.).

359196. Adult (sex not indicated, not male). Dran (elev. 3,000 feet), Phanrang Province, southern Annam. July 1939. Collected by Joseph F. C. Rock. Original number 497.

Musicicapula montigena Mearns

Proc. Biol. Soc. Washington 18 (1): 8, Jan. 20, 1905.

=*Muscicapa hyperythra montigena* (Mearns). See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 210, 1946.

192236. Adult male. Mount Apo (at elev. 6,000 feet), Dávao Province, Mindanao Island, Philippine Islands. July 7, 1904. Collected by Edgar A. Mearns. Original number 13658.

Dendrobiastes hyperythra jugosae Riley

Proc. Biol. Soc. Washington 34 (10): 56, Mar. 31, 1921.

=*Muscicapa hyperythra jugosae* (Riley), *fide* Deignan (MS.).

251100. Adult male. Gunong Lehio (lat. 1°33′ S., long. 119°53′ E.), north-central Celebes. Jan. 17, 1917. Collected by Harry C. Raven. Original number 3412.

Muscicapula samarensis Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 26, Dec. 8, 1894.

=*Muscicapa basilanica samarensis* (Bourns and Worcester). See Mayr, *in* Delacour and Mayr, Birds of the Philippines, pp. 209, 210, 1946.

315308. Adult male. Catbalogan, Sámar Island, Philippine Islands. Aug. 8, 1890. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1778 of the Menage Collection.

315309. Adult male. Catbalogan, Sámar Island, Philippine Islands. Aug. 10, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1776 of the Menage Collection.

316162. Adult male. Catbalogan, Sámar Island, Philippine Islands. Aug. 13, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1775 of the Menage Collection.

316163. Adult male. Catbalogan, Sámar Island, Philippine Islands. Aug. 17, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1777 of the Menage Collection.

Although Bourns and Worcester stated (erroneously) that the sexes of this form are alike, they seem to have had before them only four males. Two of the specimens (Nos. 316162 and 316163) have the word "TYPE" on the labels, but they seem in fact to have no greater claim to typeship than the others.

Muscicapa westermanni rabori Ripley

Proc. Biol. Soc. Washington 65 (11): 73, Apr. 25, 1952.

192682. Adult female. Irisán, Benguet Subprovince, Mountain Province, Luzón Island, Philippine Islands. Apr. 21, 1903. Collected by Richard C. McGregor and Andrés Celestino. Original number 2249. Received from the Philippine Museum, Manila.

Niltava grandis nobilis Riley
Proc. Biol. Soc. Washington 42 (15): 161, May 3, 1929.
=*Muscicapa grandis grandis* (Blyth), *fide* Deignan (MS.).
311593. Adult male. Doi Ang Ka=Doi Inthanon (lat 18°35′ N., long. 98°30′ E.), at elev. 6,000 feet, Chiang Mai Province, Thailand. Dec. 4, 1928. Collected by Hugh McC. Smith. Original number 2672.

Niltava smithi Riley
Proc. Biol. Soc. Washington 42 (15): 162, May 3, 1929.
=*Muscicapa vivida oatesi* (Salvadori), *fide* Deignan (MS.).
311595. Adult female. Summit of Doi Suthep (lat. 18°50′ N., long. 98°55′ E.), elev. 5,500 feet, Chiang Mai Province, Thailand. Dec. 15, 1928. Collected by Hugh McC. Smith. Original number 2769.

Cyornis rubeculoides chersonesites Oberholser
Proc. Biol. Soc. Washington 33 (17): 85, Dec. 30, 1920.
=*Muscicapa rubeculoides glaucicomans* (Thayer and Bangs), *fide* Deignan (MS.).
160623. Adult male. Trang Province (about lat. 7°–8° N.), Thailand. Feb. 15, 1897. Collected by William L. Abbott.

Cyornis elegans rupatensis Oberholser
Proc. Biol. Soc. Washington 33 (17): 87, Dec. 30, 1920.
=*Muscicapa turcosa rupatensis* (Oberholser), *fide* Deignan (MS.).
181145. Adult male. Rupat Strait (about lat. 1°42′ N., long. 101°27′ E.), a narrow channel separating Pulau Rupat from the eastern coast of Sumatra. Feb. 26, 1906. Collected by William L. Abbott.

Cyornis elegans antelia Oberholser
Proc. Biol. Soc. Washington 33 (17): 87, Dec. 30, 1920.
=*Muscicapa turcosa turcosa* (Brüggeman), *fide* Deignan (MS.).
248067. Adult male. Long Iram (lat. 0°03′ S., long. 115°37′ E.), Borneo. Mar. 7, 1914. Collected by Harry C. Raven. Original number 1262.

Muscicapa banyumas lekhakuni Deignan
Proc. Biol. Soc. Washington 69 (36): 209, Dec. 31, 1956.
330734. Adult male. Khao Laem (lat. 14°25′ N., long. 101°30′ E.), Nakhon Ratchasima Province, Thailand. Dec. 26, 1930. Collected by Hugh McC. Smith. Original number 4416.

Cyornis banyumas nesaea Oberholser
Proc. Biol. Soc. Washington 33 (17): 86, Dec. 30, 1920.
=*Muscicapa tickelliae jerdoni* (Holdsworth), *fide* Deignan (MS.).
201395. Adult male. Walgama, Matara District, Southern Province, Ceylon. May 3, 1894. Received from W. F. H. Rosenberg, London.

Cyornis banyumas lampra Oberholser
U.S. Nat. Mus. Bull. 98: 5 (in checklist), 35, June 30, 1917.
=*Muscicapa tickelliae lampra* (Oberholser), *fide* Deignan (MS.).
171095. Adult male. Pulau Jemaja, Anamba Islands, South China Sea. Sept. 22, 1899. Collected by William L. Abbott.

Cyornis banyumas calocephala Oberholser

Proc. Biol. Soc. Washington 33 (17) : 86, Dec. 30, 1920.

=*Muscicapa rufigastra rufigastra* (Raffles), *fide* Deignan (MS.).

180606. Adult male. Tanjong Tedung (lat. 2°22′ S., long. 105°48′ E.), Bangka Island, South China Sea off Sumatra. June 5, 1904. Collected by William L. Abbott.

Cyornis banyumas karimatensis Oberholser

Proc. U.S. Nat. Mus. 64: 3, Mar. 28, 1924.

=*Muscicapa rufigastra karimatensis* (Oberholser), *fide* Deignan (MS.).

181667. Adult male. Pulau Karimata (lat. 1°36′ S., long. 108°53′ E.), Karimata Islands, South China Sea off Borneo. Oct. 4, 1908. Collected by William L. Abbott.

Cyornis mindorensis Mearns

Philippine Journ. Sci. 2 (5) sec. A: 356, October 1907.

=*Muscicapa rufigastra mindorensis* (Mearns), *fide* Deignan (MS.).

202340. Adult male. Alag River, between the Whitehead and Egbert Rivers (at elev. 500 feet), Mindoro Island, Philippine Islands. Dec. 1, 1906. Collected by Edgar A. Mearns. Original number 14519.

Genus FRASERIA Bonaparte

Fraseria prosphora Oberholser

Proc. U.S. Nat. Mus. 22: 37, Oct. 9, 1899.

=*Fraseria ocreata prosphora* Oberholser. See Bannerman, Birds of tropical West Africa 4: 234, 1936.

161784. Adult (sex not indicated). Mount Coffee ("one of the numerous low hills along the St. Paul River, about 25 miles from Monrovia"), Liberia. Feb. 19, 1897. Collected by Rolla P. Currie. Original number 8.

Genus CHLOROPETA A. Smith

Chloropeta similis Richmond

Auk 14 (2) : 163, April 1897.

=*Chloropeta natalensis similis* Richmond. See Oberholser, Proc. U.S. Nat. Mus. 28: 912, 1905.

118065. Adult female. Mount Kilimanjaro (at elev. 10,000 feet), Moshi District, Northern Division, Tanganyika Territory. July 29, 1888. Collected by William L. Abbott.

Genus PLATYSTEIRA Jardine and Selby

Platysteira cryptoleuca Oberholser

Proc. U.S. Nat. Mus. 28: 913, July 8, 1905.

=*Platysteira peltata jacksoni* Bowdler Sharpe. See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 242, 243, 1937.

118133. Adult male. "Useri River, plains of Mount Kilimanjaro," Moshi District, Northern Division, Tanganyika Territory. Aug. 29, 1888. Collected by William L. Abbott.

Genus PETROICA Swainson

Petroica pusilla Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 93, "pl. xxv, fig. 3," 1848.

=*Petroica multicolor pusilla* Peale. See Mayr, Amer. Mus. Nov. 714: 3, 1934.

15761. Adult male. Samoan Islands, Oceania. 1839. Collected by Titian R. Peale. Original number 142. U.S. Exploring Expedition (1838–1842).

Genus HYPOTHYMIS Boie

Hypothymis azurea montana Riley

Proc. Biol. Soc. Washington 42 (16): 165, May 29, 1929.

311580. Adult male. Muang Chiang Mai (lat. 18°45′ N., long. 99°00′ E.), Chiang Mai Province, Thailand. Nov. 25, 1928. Collected by Hugh McC. Smith. Original number 2613.

Monarcha azurea galerita Deignan

Proc. Biol. Soc. Washington 69 (36): 210, Dec. 31, 1956.

=*Hypothymis azurea galerita* (Deignan), *fide* Deignan (MS.).

249048. Adult male. Ko Kut (lat. 11°40′ N., long. 102°35′ E.), Trat Province, Thailand. Dec. 26, 1914. Collected by Cecil Boden Kloss.

249050. Adult female. Ko Kut, Trat Province, Thailand. Dec. 29, 1914 (not 1915). Collected by Cecil Boden Kloss.

These two specimens were named as cotypes in the original description.

Hypothymis azurea forrestia Oberholser

Proc. U.S. Nat. Mus. 39: 601, Feb. 25, 1911.

173302. Adult male. Loughborough Island, Mergui Archipelago, Mergui District, Tenasserim Division, Burma. Jan. 23, 1900. Collected by William L. Abbott.

Hypothymis azurea idiochroa Oberholser

Proc. U.S. Nat. Mus. 39: 604, Feb. 25, 1911.

178873. Adult male. Kar Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. Jan. 25, 1901. Collected by William L. Abbott.

Hypothymis azurea calocara Oberholser

Proc. U.S. Nat. Mus. 39: 610, Feb. 25, 1911.

=*Hypothymis azurea nicobarica* Bianchi. See Stuart Baker, Fauna of British India, birds, ed. 2, 7: 143, 1930.

178705. Adult male. Nankauri Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. Feb. 8, 1901. Collected by William L. Abbott.

Hypothymis consobrina Richmond

Proc. Biol. Soc. Washington 15: 189, Aug. 6, 1902.

=*Hypothymis azurea consobrina* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 396–397, 1944.

179433. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Dec. 24, 1901. Collected by William L. Abbott.

Hypothymis abbotti Richmond

Proc. Biol. Soc. Washington 15: 189, Aug. 6, 1902.

=*Hypothymis azurea abbotti* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 397, 1944.

179426. Adult male. Pulau Babi, Tapah Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 11, 1902. Collected by William L. Abbott.

Hypothymis azurea isocara Oberholser

Proc. U.S. Nat. Mus. 39: 606, Feb. 25, 1911.

=*Hypothymis azurea prophata* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 397, 1944.

179437. Adult male. Pulau Bangkaru, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. January 1902. Collected by William L. Abbott.

Hypothymis azurea amelis Oberholser

Proc. U.S. Nat. Mus. 39: 608, Feb. 25, 1911.

=*Hypothymis azurea prohpata* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 397–398, 1944.

179920. Adult male. Lafau Bay (not Lafau), Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 21, 1903. Collected by William L. Abbott.

Hypothymis azurea ponera Oberholser

Proc. U.S. Nat. Mus. 39: 604, Feb. 25, 1911.

=*Hypothymis azurea prophata* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 397, 398, 1944.

179916. Adult male. Pulau Tana Massa, Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 17, 1903. Collected by William L. Abbott.

Hypothymis azurea prophata Oberholser

Proc. U.S. Nat. Mus. 39: 597, Feb. 25, 1911.

180281. Adult male. Great Karimon Island (lat. 1°03′ N., long. 103°22′ E.), Strait of Malacca. May 25, 1903. Collected by William L. Abbott.

Hypothymis azurea leucophila Oberholser

Proc. U.S. Nat. Mus. 39: 607, Feb. 25, 1911.

179913. Adult male. North Pagi Island, Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 8, 1903. Collected by William L. Abbott.

Hypothymis azurea richmondi Oberholser

Proc. U. S. Nat. Mus. 39: 613, Feb. 25, 1911.

180757. Adult male. Enggano Island, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 24, 1904. Collected by William L. Abbott.

Hypothymis azurea opisthocyanea Oberholser

Proc. U.S. Nat. Mus. 39: 602, Feb. 25, 1911.

170909. Adult male. Pulau Piling (lat. 2°45′ N., long. 106°11′ E.), Anamba Islands, South China Sea. Aug. 17, 1899. Collected by William L. Abbott.

Hypothymis azurea gigantoptera Oberholser

Proc. U.S. Nat. Mus. 39: 600, Feb. 25, 1911.

174828. Adult male. Pulau Bunguran (Great Natuna Island), northern Natuna Islands, South China Sea. July 12, 1900. Collected by William L. Abbott.

Genus MYIAGRA Vigors and Horsfield

Myiagra townsendi Wetmore

in Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4): 205, August 1919.

=*Myiagra vanikorensis townsendi* Wetmore. See Mayr, Amer. Mus. Nov. 651: 11, 1933.

212464. Adult male. Kambara Island (about lat. 18°58′ S., 181°03′ E.), Fiji Islands, Oceania. Dec. 7, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Platyrhynchus albiventris Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 102, "pl. XXVII, fig. 3," 1848.

=*Myiagra albiventris* Peale. See Mayr, Amer. Mus. Nov. 651: 14, 1933.

14398. Adult (sex not indicated). Samoan Islands, Oceania. 1839. Original number 194. U.S. Exploring Expedition (1838–1842).

Peale described both the male and the female, and since only two specimens are listed in the museum register, we may assume that he had but one of each sex. Our No. 14398 appears to be a male; No. 14363, no longer in Washington, is the cotype in the Museum of Comparative Zoology, where it is No. 75817.

Genus MAYRORNIS Wetmore

Monarcha cinereus [*sic*] Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 101, "pl. XXVII, fig. 2," 1848.

=*Mayrornis lessoni lessoni* (G. R. Gray). See Mayr, Amer. Mus. Nov. 651: 17, 1933.

14732. Adult female. "Near Bahr"=near Mba (lat. 17°32′ S., long. 177°41′ E.), Viti Levu Island, Fiji Islands, Oceania. May 30, 1840.

Collected by Titian R. Peale. Original number 192. U.S. Exploring Expedition (1838–1842).

Genus CLYTORHYNCHUS Elliot

Pinarolestes nesiotes Wetmore

in Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4): 216, August 1919.

=*Clytorhynchus vitiensis nesiotes* (Wetmore). See Mayr, Amer. Mus. Nov. 628: 12, 1933.

212438. Adult female. Kambara Island (about lat. 18°58′ S., long. 181°03′ E.), Fiji Islands, Oceania. Dec. 7, 1899. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus TERPSIPHONE Gloger

Terpsiphone owstoni Jouy

Proc. U.S. Nat. Mus. 37: 654, Aug. 4, 1910.

=*Terpsiphone atrocaudata atrocaudata* (Eyton). See Orn. Soc. Japan, Handlist of the Japanese birds, ed. 3, rev., p. 51, 1942.

88650. Adult male. Fuji San (lat. 35°22′ N., long. 138°44′ E.), Honshu Island, Japan. July 13, 1882. Collected by Pierre L. Jouy. Original number 497.

Terpsiphone sababensis Riley

Proc. Biol. Soc. Washington 47: 155, July 23, 1934.

=*Terpsiphone atrocaudata atrocaudata* (Eyton), *fide* Deignan (MS.).

334037. Subadult male. Khao Sa Bap (lat. 12°35′ N., long. 102°15′ E.), Province of Chanthaburi, southeastern Thailand. Nov. 21, 1933. Collected by Hugh McC. Smith. Original number 6722.

Tchitrea procera Richmond

Proc. U.S. Nat. Mus. 26: 510, Feb. 4, 1903.

=*Terpsiphone paradisi procera* (Richmond). See Ripley, Bull. Mus. Comp. Zool. 94: 399, 1944.

179415. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Dec. 12, 1901. Collected by William L. Abbott.

Genus PACHYCEPHALA Vigors

Muscitrea grisola nesiotis Oberholser

Smithsonian Misc. Coll. 60 (7): 11, Oct. 26, 1912.

=*Pachycephala cinerea vandepolli* Finsch. See Ripley, Bull. Mus. Comp. Zool. 94: 401, 1944.

179929. Adult male. Lugu Sibabu (lat. 2°43′ N., long. 96°08′ E.), Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Oct. 24, 1902. Collected by William L. Abbott.

Hyloterpe mindorensis Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 22, Dec. 8, 1894.

=*Pachycephala whiteheadi mindorensis* (Bourns and Worcester). See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 216, 1946.

316155. Adult female. Mindoro Island, Philippine Islands. Apr. 21, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1464 of the Menage Collection.

Hyloterpe winchelli Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 21, Dec. 8, 1894.

=*Pachycephala whiteheadi winchelli* (Bourns and Worcester). See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 216, 1946.

316149. Adult male. Bais, Province of Negros Oriental, Negros Island, Philippine Islands. Jan. 12, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1440 of the Menage Collection.

Bourns and Worcester described only the male, of which sex they had at least six specimens, from Panay, Masbate, and Negros. Five of these are now in Washington, but I have listed here only the one on whose label they have written "TYPE." A female, No. 316150, upon whose label the same word appears, must be considered merely a paratype.

Hyloterpe major Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 22, Dec. 8, 1894.

=*Pachycephala whiteheadi winchelli* (Bourns and Worcester), *fide* Deignan (MS.).

316145. Adult male. Toledo, Cebú Island, Philippine Islands. June 16, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 1450 of the Menage Collection.

The authors described only the male, of which sex they had at least ten specimens, from Cebú, Tablas, and Sibuyán. Seven of these are now in Washington, but again I have listed only the one on whose label appears the word "TYPE." A female, No. 316147, with its label similarly marked, is in fact only a paratype.

Hyloterpe apoensis Mearns

Proc. Biol. Soc. Washington 18: 86, Feb. 21, 1905.

=*Pachycephala philippinensis apoensis* (Mearns). See Mayr, *in* Delacour and Mayr, Birds of the Philippines, pp. 215, 216, 1946.

192247. Adult male. Mount Apo (at elev. 6,000 feet), Dávao Province, Mindanao Island, Philippine Islands. June 20, 1904. Collected by Edgar A. Mearns. Original number 13538.

Hyloterpe apoensis basilanica Mearns

Proc. U.S. Nat. Mus. 36: 442, May 22, 1909.

=*Pachycephala philippinensis basilanica* (Mearns). See Mayr, *in* Delacour and Mayr, Birds of the Philippines, pp. 215, 216, 1946.

161534. Adult male. Basilan Island, Philippine Islands. Nov. 8, 1887. Collected by Dean C. Worcester. Received from Dean C. Worcester.

Eopsaltria flavifrons Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 96, "pl. XXVI, fig. 1," 1848.

=*Pachycephala flavifrons* (Peale). See Mayr, Amer. Mus. Nov. 531: 22, 1932.

15755. Adult male. Upolu Island, Samoan Islands, Oceania. 1839. Collected by Titian R. Peale. Original number 172. U.S. Exploring Expedition (1838–1842).

Eopsaltria icteroides Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 97, "pl. XXVI, fig. 2," 1848.

=*Pachycephala flavifrons* (Peale). See Mayr, Amer. Mus. Nov. 531: 22, 1932.

15757. Adult male. Samoan Islands, Oceania. 1839. Collected by Titian R. Peale. Original number 174. U.S. Exploring Expedition (1838–1842).

Eopsaltria albifrons Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 97, "pl. XXVI, fig. 3," 1848.

=*Pachycephala flavifrons* (Peale). See Mayr, Amer. Mus. Nov. 531: 22, 1932.

15756. Adult male. Samoan Islands, Oceania. 1839. Collected by Titian R. Peale. Original number 173. U.S. Exploring Expedition (1838–1842).

Genus CORACORNIS Riley

Coracornis raveni Riley

Proc. Biol. Soc. Washington 31: 157, Dec. 30, 1918.

252177. Adult male. Rano Rano (a village at about lat. 1°30′ S., long. 120°19′ E.), central Celebes. Dec. 23, 1917. Collected by Harry C. Raven. Original number 4840.

Genus HYLOCITREA Mathews

Pachycephala pluviosa Riley

Proc. Biol. Soc. Washington 32: 95, May 20, 1919.

=*Hylocitrea bonensis bonensis* (Meyer and Wiglesworth). See Stresemann, Journ. für Orn. 88: 72, 1940.

252197. Adult male. Rano Rano (a village at about lat. 1°30′ S., long. 120°19′ E.), central Celebes. Dec. 22, 1917. Collected by Harry C. Raven. Original number 4834.

Genus COLLURICINCLA Vigors and Horsfield

Turdus pallidus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 86, "pl. XXIV, fig. 1," 1848.

=*Colluricincla harmonica harmonica* (Latham). See Mathews, Birds of Australia 10 (5) : 278, 279, 1923.

14480. Adult (sex not indicated). "Near Valparaiso," error=New South Wales, Australia (see Cassin, U.S. Exploring Expedition, ed. 2, 8 [Mamm. and Orn.] : 142, 1858). "May 18–," error=December 1839. Original number 85. U.S. Exploring Expedition (1838–1842).

Family PRUNELLIDAE: Accentors, Hedge-sparrows

Genus PRUNELLA Vieillot

Prunella modularis mabbotti Harper

Proc. Biol. Soc. Washington 32: 243, Dec. 31, 1919.

256755. Adult male. "At timber-line (altitude about 1700 meters) on a mountain about three kilometers south of Saillagouse," Department of Pyrénées-Orientales, France. Apr. 24, 1919. Collected by Francis Harper. Original number B–26.

Family MOTACILLIDAE: Wagtails, Pipits

Genus MOTACILLA Linnaeus

Budytes flavus alascensis Ridgway

Proc. Biol. Soc. Washington 16: 105, Sept. 30, 1903.

=*Motacilla flava alascensis* (Ridgway). See Hartert, Vögel der paläarktischen Fauna 1 (3) : 290, 1905.

73231. Adult male. Saint Michael (on the southern shore of Norton Sound), western Alaska. June 1, 1877. Collected by Lucien McS. Turner. Original number 1457.

This is another specimen that was for a time part of the private collection of Robert Ridgway (whose label it still bears), but this episode in its history seems to have long antedated its elevation to typeship.

Genus ANTHUS Bechstein

A[nthus]. stejnegeri Ridgway

Proc. U.S. Nat. Mus. 6: 95, Aug. 2, 1883.

=*Anthus gustavi* Swinhoe. See Hartert, Vögel der paläarktischen Fauna 1: xxviii (footnote 3), 1903.

88989. Adult male. Bering Island, Commander Islands, southwestern Bering Sea. June 9, 1882. Collected by Leonhard H. Stejneger. Original number 1174.

88992. Adult male. Bering Island, Commander Islands, June 10, 1882. Collected by Leonhard H. Stejneger. Original number 1194.

89134. Adult male. Copper Island, Commander Islands. June 18, 1882. Collected by Leonhard H. Stejneger. Original number 1211.

89135. Adult female. Copper Island, Commander Islands. June 24, 1882. Collected by Leonhard H. Stejneger. Original number 1231.

Ridgway had six cotypes, of which three (Nos. 88992, 89134, and 89135) were mentioned by number at the original description; since, however, Richmond's lectotype, No. 88989, was not mentioned there at all, it is clear that all six should be considered equivalent. Nos. 88990 and 88991, both males, are no longer in the collection; they were "returned" to the collector in September 1885, and their present whereabouts is unknown.

Anthus spinoletta geophilus Oberholser

Journ. Washington Acad. Sci. 36 (11) : 388, Nov. 20, 1946.

298525. Adult male. False Pass, Unimak Island, Fox Group, Aleutian Islands, Alaska. May 14, 1925. Collected by Olaus J. Murie. Original number 2950. Received from the U.S. Fish and Wildlife Service.

Alauda Spragueii Audubon

Birds of America 7: 334, pl. 486, 1844.

=*Anthus spragueii* (Audubon). See Hellmayr, Catalogue of birds of the Americas 8: 86, 1935.

1884. Adult female. "Prairies near Fort Union" (near the confluence of the Yellowstone River with the Missouri), Williams or McKenzie County, North Dakota. June 19, 1843. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon.

No. 1884 is no doubt one of the cotypes, although it might be argued that, since a male was minutely described by Audubon, the male cotype in the Academy of Natural Sciences of Philadelphia (where it is No. 23733) has an even stronger claim. There is, however, a possibility that Baird indicated the sex erroneously in his register, as he has done the date of collection ("June 13").

Conflicting accounts of the first discovery of this bird have been brought together and discussed by Francis H. Allen (Auk 68: 379–380, 1951).

The exact locality for birds described from "Fort Union" is uncertain. Preble (MS.) has found that the military reservation would at the present time lie partly in Montana and partly in North Dakota, but that more than one-half of its buildings stood in what is now North Dakota; the type locality might then be restricted to the vicinity of the modern town of Buford, Williams County, North Dakota.

It may be mentioned here that Stone (Proc. Acad. Nat. Sci. Philadelphia 51: 18, 1899) has erred in referring to our cotype as No. 1854, instead of No. 1884.

Genus MACRONYX Swainson

Macronyx aurantiigula subocularis Friedmann

Occas. Pap. Boston Soc. Nat. Hist. 5: 266, May 7, 1930.

=*Macronyx aurantiigula* Reichenow. See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 259, 260, 1937.

246154. Adult female. "Government Trail, Tharaka District" ("country on Upper Tana above falls," *fide* Jackson, Birds of Kenya Colony and the Uganda Protectorate 1: xxxviii, 1938), Central Province, Kenya Colony. Aug. 12, 1912. Collected by Edgar A. Mearns. Original number 23574. Childs Frick Expedition to Ethiopia and Kenya Colony.

Macronyx croceus vulturnus Friedmann

Occas. Pap. Boston Soc. Nat. Hist. 5: 263, May 7, 1930.

109591. Adult male. Province of Natal, Union of South Africa. Entered into the museum register on Oct. 22, 1886. Collected by E. H. Richards. Received from Oberlin College.

Family PTILOGONATIDAE: Silky Flycatchers

Genus PTILOGONYS Swainson

P[tiliogonys]. cinereus molybdophanes Ridgway

Manual of North American birds, p. 464, September 1887.

=*Ptilogonys cinereus molybdophanes* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 106, 1935.

30719. Adult male. Dueñas, Department of Sacatepéquez, Guatemala. 1861. Collected by Osbert Salvin and Frederick DuC. Godman. Original number 377. Received from Osbert Salvin.

50453. Adult male. Guatemala. Entered into the museum register on Mar. 4, 1868. Collected by C. H. Van Patten.

Ridgway described only the male of his new form and indicated by his measurements that at least two specimens lay before him. The two listed above seem to have been the only males from Guatemala in the museum collection in 1887. The oldest label borne by No. 50453 is Ridgway's own, so it appears that this is another bird, rare at the time, that left the museum to enter the curator's private collection.

Family DULIDAE: Palm-chats

Genus DULUS Vieillot

Dulus dominicus oviedo Wetmore

Proc. Biol. Soc. Washington 42: 117, Mar. 25, 1929.

278751. Adult male. Picmy, Gonave Island, in the Bay of Gonaïves, Haiti, Hispaniola Island, Caribbean Sea. July 5, 1920. Collected by William L. Abbott.

Family ARTAMIDAE: Wood-swallows

Genus ARTAMUS Vieillot

Artamus leucoryn. [*sic*] **macroterus** Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 53, 1932.

=*Artamus leucorynchos leucorynchos* (Linnaeus). See Chasen, Handlist of Malaysian birds, p. 256, 1935; Deignan (MS.).

174713. Adult male. Pulau Serasan (South Natuna Island), lat. 2°31′ N., long. 109°02′ E., southern Natuna Islands, South China Sea. June 1, 1900. Collected by William L. Abbott.

Artamus leucoryn [*sic*] **amydrus** Oberholser

Proc. U.S. Nat. Mus. 54: 185, Nov. 2, 1917.

=*Artamus leucorynchos amydrus* Oberholser. See Chasen, Handlist of Malaysian birds, p. 256, 1935; Deignan (MS.).

181532. Adult male. Pulau Solombo Besar, eastern Java Sea. Dec. 4, 1907. Collected by William L. Abbott.

Ocypterus mentalis "nob." Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 84, "pl. XXIII, fig. 3," 1848.

=*Artamus leucorynchos mentalis* Jardine. See Cassin, U.S. Exploring Expedition 8: 141, 1858; Mayr, Birds of the Southwest Pacific, p. 144, 1945; Deignan (MS.).

14851. Adult (sex not indicated). Fiji Islands, Oceania. 1840. Original number 65. U.S. Exploring Expedition (1838–1842).

14852. Adult (sex not indicated). Same data as No. 14851.

14870. Adult (sex not indicated). Same data as No. 14851.

14871. Adult (sex not indicated). Same data as No. 14851.

According to the museum register, there were at least two other cotypes of this form, Nos. 14868 and 14869. One of these is now in the Museum of Comparative Zoology, where it is No. 75750.

Ocypterus superciliosus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 83, "pl. XXIII, fig. 2," 1848.

=*Artamus superciliosus* (Gould). See Mathews, Systema avium australasianarum 2: 636, 1930.

14880. Adult (sex not indicated). State of New South Wales, Australia. 1839. Original number 68. U.S. Exploring Expedition (1838–1842).

Family LANIIDAE: Shrikes

Genus LANIUS Linnaeus

Lanius ludovicianus migrans W. Palmer

Auk 15 (3) : 248, July 1898.

163077. Adult male. Kingston, Frontenac County, Province of Ontario, Canada. Apr. 4, 1898. Collected by C. K. Clarke.

L[anius]. ludovicianus gambeli Ridgway

Manual of North American Birds, p. 467, September 1887.

=*Lanius ludovicianus gambeli* Ridgway. See A. H. Miller, Univ. California Publ. Zool. 38: 77, 1931.

80468=73971 reentered. Murphy, Calaveras County, California. December 1877. Collected by Lyman Belding.

Ridgway stated that his series consisted of 21 specimens, from "California, especially coast district." Since No. 80468 was long ago made the lectotype by Ridgway himself, it seems to me advisable to list here only the one specimen, especially since it would now be a matter of the greatest difficulty to reconstruct the original series.

Miller (*loc. cit.*) and Grinnell (Univ. California Publ. Zool. 38: 297, 1932) have been puzzled by the fact that the lectotype should be No. 73971, but is instead No. 80468, with identical data. The explanation is, however, simple. The skin was entered into the register on March 18, 1878, as No. 73971. Shortly afterward, Ridgway gathered into his private collection this very specimen which he was later to consider most suitable for lectotypeship. He removed, and presumably destroyed, Belding's original label, replacing it with one of his own (which it still carries), upon which the data were copied only in part. In August 1880, for no reason now apparent, No. 73971, together with more than 100 other skins derived from the national collection, were retransferred from Ridgway's collection to that of the museum, and all were reentered by Ridgway himself under new numbers, although it should not have been difficult to have traced the original entries. As a result, No. 73971 now became No. 80468, with only the insufficient data found on Ridgway's label. The numerous errors noted by Belding in the numbers of his specimens as printed (*fide* Grinnell, *loc. cit.*) can probably all be explained by this peculiar curatorial juggling.

Lanius ludovicianus anthonyi Mearns

Auk 15 (3) : 261, July 1898.

163074. Adult female. Santa Cruz Island, Santa Barbara County, California. May 6, 1897. Collected by Rollo H. Beck. Original number 131.

Lanius ludovicianus mearnsi Ridgway

Proc. Biol. Soc. Washington 16: 108, Sept. 30, 1903.

134781. Immature (not adult) female. San Clemente Island, Los Angeles County, California. Aug. 27, 1894. Collected by Edgar A. Mearns. Original number 11368. Mexican-United States International Boundary Commission.

Lanius ludovicianus grinnelli Oberholser

Wilson Bull. 31 (3) : 87, October 1919.

196162. Adult female. San Fernando (a mission at lat. 30° N.), State of Baja California, México. Sept. 4, 1905. Collected by Edward W. Nelson and Edward A. Goldman. Original number 11644. Received from the U.S. Fish and Wildlife Service.

Although dated "September," this number of the Wilson Bulletin was not received in Washington until Oct. 9, 1919.

Lanius ludovicianus nelsoni Oberholser

Condor 20 (6) : 209, Dec. 12, 1918.

196172. Adult male. Todos Santos (Pacific coast at lat 23°27′ N.), State of Baja California, México. Dec. 26, 1905. Collected by Edward W. Nelson and Edward A. Goldman. Original number 11885. Received from the U.S. Fish and Wildlife Service.

Lanius schach (Gm.), var. **formosæ** Swinhoe

Ibis 5: 270, July 1863.

=*Lanius schach formosae* Swinhoe. See Orn. Soc. Japan, Handlist of the Japanese birds, ed. 3, rev., p. 45, 1942.

37813. Adult (sex not indicated). Formosa. February 1862. Collected by Robert Swinhoe. Received from Henry B. Tristram.

Swinhoe named this bird from a series of unstated length, containing both males and females. Two unsexed specimens ("Interior Formosa, March, 1862"), that are presumably other cotypes, were retained by Tristram and are listed in the "Catalogue of a Collection of Birds belonging to H. B. Tristram" (p. 194, 1889) ; these are probably now in the collection of the British Museum (Natural History).

Cephalophoneus suluensis Mearns

Proc. Biol. Soc. Washington 18: 86, Feb. 21, 1905.

=*Lanius schach suluensis* (Mearns). See Delacour, *in* Delacour and Mayr, Birds of the Philippines, p. 169, 1946.

191895. Adult male. Bual, Joló Island, Sulu Group, Philippine Islands. Feb. 21, 1904. Collected by Edgar A. Mearns. Original number 13355.

Genus POMATORHYNCHUS Boie

Pomatorhynchus senegalus armenus Oberholser

Proc. U.S. Nat. Mus. 30: 809, June 4, 1906.

=*Pomatorhynchus senegalus erythropterus* (Shaw). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 290, 291, 1937.

118148. Adult male. Plains near Taveta, Teita District, Coastal Province, Kenya Colony. June 28, 1888. Collected by William L. Abbott.

Genus CHLOROPHONEUS Cabanis

Chlorophoneus sulfureopectus fricki Friedmann
Occas. Pap. Boston Soc. Nat. Hist. 5: 252, Jan. 20, 1930.
245461. Adult male. Sadi Malka (at the point where the Jibuti-Addis Ababa railway crosses the Hawash River), Ethiopia. Dec. 21, 1911. Collected by Edgar A. Mearns. Childs Frick Abyssinian Expedition.

Laniarius abbotti Richmond
Auk 14 (2) : 161, April 1897.
=*Chlorophoneus nigrifrons nigrifrons* (Reichenow). See Jackson, The Birds of Kenya Colony and the Uganda Protectorate 3: 1233, 1938.
119168. Adult male. Mount Kilimanjaro (at elev. 5,000 feet), Moshi District, Northern Division, Tanganyika Territory. Oct. 18, 1889. Collected by William L. Abbott.

Family PRIONOPIDAE: Helmet-shrikes

Genus PRIONOPS Vieillot

Prionops vinaceigularis Richmond
Auk 14 (2) : 162, April 1897.
=*Prionops cristata vinaceigularis* Richmond. See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 319, 1937.
118136. Adult male. Plains east of Mount Kilimanjaro, Moshi District, Northern Division, Tanganyika Territory. Oct. 1, 1888. Collected by William L. Abbott.

Family CYCLARHINIDAE: Pepper-shrikes

Genus CYCLARHIS Swainson

Cyclorhis flaviventris yucatanensis Ridgway
Proc. U.S. Nat. Mus. 9: 519, Feb. 14, 1887.
=*Cyclarhis gujanensis yucatanensis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 195, 1935.
37917. Adult female. Mérida, State of Yucatán, México. Feb. 19, 1865. Collected by Arthur C. V. Schott. Original number 193. Comisión Cientíca de Yucatán.

Cyclorhis insularis Ridgway
Proc. Biol. Soc. Washington 3: 22 [p. 2 of extra], Feb. 26, 1885.
=*Cyclarhis gujanensis insularis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 195, 1935.
102659. Adult female. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. Jan. 28, 1885. Collected by

James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Cyclarhis gujanensis perrygoi Wetmore

Proc. Biol. Soc. Washington 63: 61, May 25, 1950.

400660. Adult male. Ciénaga Macana, near El Rincón, Department of Herrera, Panamá. Mar. 17, 1948. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 13896.

Cyclarhis gujanensis flavens Wetmore

Proc. Biol. Soc. Washington 63: 174, Dec. 29, 1950.

423915. Adult male. Chimán (Punta Madroño), Department of Panamá, Panamá. Mar. 31, 1950. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 16047.

C[yclorhis]. cearensis Baird

Review of American birds 1: 391, May 1866.

=*Cyclarhis gujanensis cearensis* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 202, 1935.

36693. Adult (sex not indicated). State of Ceará, Brazil. Entered into the museum register on Mar. 29, 1865. Received from the Museu Nacional, Rio de Janeiro.

36694. Adult (sex not indicated). State of Ceará, Brazil. Entered into the museum register on Mar. 29, 1865. Received from the Museu Nacional, Rio de Janeiro.

Cyclorhis albiventris Sclater and Salvin

Nomenclator avium neotropicalium, pp. 13, 156 (not earlier than December), 1873.

=*Cyclarhis gujanensis cearensis* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 202, 203, 1935.

90460. Adult (sex not indicated). State of Baía, Brazil. Entered into the museum register on June 22, 1883. Collected by — Wucherer. Received from Osbert Salvin and Frederick DuC. Godman.

This form was described from an unstated number of cotypes, from both the Sclater and the Salvin-Godman Collections. Our specimen was sent to Washington as one of them; on the Salvin-Godman label is written: "*Cyclorhis albiventris*, sp. nov. iii."

Family VIREOLANIIDAE: Shrike-vireos

Genus VIREOLANIUS Bonaparte

Vireolanius melitophrys goldmani Nelson

Proc. Biol. Soc. Washington 16: 155, Nov. 30, 1903.

=*Vireolanius melitophrys melitophrys* Bonaparte. See Lowery and Newman, Wilson Bull. 63 (4): 320, 1951.

186309. Adult female. Huitzilac, State of Morelos, México. June 10, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 10167. Received from the U.S. Fish and Wildlife Service.

Genus SMARAGDOLANIUS Griscom

Vireolanius pulchellus verticalis Ridgway
Proc. U.S. Nat. Mus. 8: 24, May 6, 1885.

Vireolanius viridicoronatus Ridgway
Report of the United States National Museum . . . to July, 1885, p. 85, 1886.

=*Smaragdolanius pulchellus verticalis* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 8: 188, 1935.

34665. Adult male. Angostura, Province of Cartago, Costa Rica. June 11, 1864. Collected by Julián Cooper. Received from José C. Zeledón.

Vireolanius viridicoronatus Ridgway is a *nomen nudum*, that applies unquestionably to the present form and fortunately saw the light subsequently to publication of *Vireolanius pulchellus verticalis* Ridgway. The name appears in the following passage: "A collection of 215 specimens, 96 species, chiefly from Costa Rica, sent by José C. Zeledon, including two new species, *Cyanocorax cucullatus* and *Vireolanius viridicoronatus*."

Vireolanius eximius mutabilis Nelson
Smithsonian Misc. Coll 60 (3) : 20, Sept. 27, 1912.

=*Smaragdolanius pulchellus mutabilis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 8: 189, 1935.

238507. Adult female. Santa Cruz de Cana (at elev. 3,000 feet), Department of Darién, Panamá. June 11, 1912. Collected by Edward A. Goldman. Original number 15893. Received from the U.S. Fish and Wildlife Service.

Family STURNIDAE: Starlings

Genus POEOPTERA Bonaparte

Amydrus? dubius Richmond
Auk 14 (2) : 158, April 1897.

=*Poeoptera kenricki* Shelley. See Jackson, Birds of Kenya Colony and the Uganda Protectorate 3: 1297, 1938; Amadon, Amer. Mus. Nov. 1247: 4, 1943.

118112. Adult female. Taveta, Teita District, Coastal Province, Kenya Colony. Aug. 17, 1888. Collected by William L. Abbott.

Genus CINNYRICINCLUS Lesson

Pholidauges femoralis Richmond
Auk 14 (2) : 160, April 1897.

=*Cinnyricinclus femoralis* (Richmond). See Jackson, The Birds of Kenya Colony and the Uganda Protectorate 3: 1275, 1938; Amadon, Amer. Mus. Nov. 1247: 6, 1943.

118111. Adult male. Mount Kilimanjaro (at elev. 6,000 feet), Moshi District, Northern Division, Tanganyika Territory. June 12, 1888. Collected by William L. Abbott.

Cinnyricinclus leucogaster friedmanni Bowen

Proc. Acad. Nat. Sci. Philadelphia 82: 166, June 20, 1930.

247668. Adult male. Near Gardula (lat. 5°35′ N., long. 37°27′ E.), Ethiopia. Mar. 29, 1912. Collected by Edgar A. Mearns. Original number 20907. Childs Frick African Expedition (1911–1912).

Genus APLONIS Gould

Lamprotornis atrifusca Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 109, "pl. xxx, fig. 1," 1848.

=*Aplonis atrifuscus* (Peale). See Mayr, Amer. Mus. Nov. 1166: 6, 1942.

15212. Adult (sex not indicated). Samoan Islands, Oceania. 1839. Original number 224. U.S. Exploring Expedition (1838–1842).

15746. Adult female. Same data as for No. 15212.

Peale had three specimens, among which both sexes were represented. No. 15209 was sent long ago to the Museum of Comparative Zoology, where it is now No. 75738.

Lamprotornis? fusca Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 110, "pl. xxx, fig. 2," 1848.

=*Aplonis tabuensis tabuensis* (Gmelin). See Mayr, Amer. Mus. Nov. 1166: 2, 1942.

"14482"=15035. Adult (sex not indicated)=adult male. "Fiji Islands"=Tongatabu Island (lat. 21°07′ S., long. 175°11′ E.), Tonga Islands, Oceania. Original number 225. U.S. Exploring Expedition (1838–1842).

Peale based this name upon material from Tongatabu, but referred to it also specimens from the Fiji Islands, with mention of the fact that these were larger and darker. Cassin, who was likewise to combine under one name the birds of Tongatabu and the Fijis, has indicated in his MS. list that there were altogether five skins, and four of them are still preserved in Washington. Three of the four are labeled as from the Fiji Islands, and two of those so labeled are obviously representative of the race *vitiensis*, and accordingly no longer cotypes of *fusca* (restricted to the population of Tongatabu by Mayr, *loc. cit.*).

A third specimen, No. "14482," although said to come from the Fiji Islands, is clearly an example of *tabuensis*, while the fourth, No. "15035," labeled as from Tongatabu, is as obviously an example of *vitiensis*. It seems certain that, when the several skins were dismounted, the labels of these two were transposed, so that all data attached to one belong properly to the other.

The fifth of the original series, No. 14964, is now in the Museum of Comparative Zoology, where it is No. 75739. Its label states that it came from Tongatabu, and if the characters shown by the specimen are in fact those of *tabuensis,* it may be considered a second cotype of *fusca.*

Lamprotornis brevirostris Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 111, "pl. xxx, fig. 3," 1848.

=*Aplonis tabuensis brevirostris* (Peale). See Mayr, Amer. Mus. Nov. 1166: 2, 1942.

"15184." Adult (sex not indicated). "Tongatabu?"=Upolu or Savaii Island, Samoan Islands, Oceania. 1839. Original number 227. U.S. Exploring Expedition (1838–1842).

15747. Adult female. "Tutuilla"=Upolu or Savaii Island, Samoan Islands, Oceania. 1839. Original number 227. U.S. Exploring Expedition (1838–1842).

Although Cassin's MS. list shows that he saw but two specimens of this form, at least three must have been available to Peale. No. "15184" carries a label that belongs to one of the birds called *fusca* by Peale, and can be identified as *brevirostris* only by its appearance. Nos. 15747 and 15748 are the ones handled by Cassin; No. 15748 is no longer in Washington, unless it is disguised as No. "15184," but Richmond (MS.) claimed that No. 15748 was in fact the cotype now in the Museum of Comparative Zoology, where it is No. 75740.

Another complication is introduced by the fact that the provenience of No. 15747 is given on the label as Tutuila. The specimen is, however, not *tutuilae* Mayr, 1942, but an unquestionable example of the population of Upolu, to which Mayr inferentially restricted Peale's name.

Lamprocorax panayensis halictypus Oberholser

Journ. Washington Acad. Sci. 16 (19) : 516, Nov. 18, 1926.

=*Aplonis panayensis strigatus* (Horsfield). See Chasen, Handlist of Malaysian birds, p. 298, 1935.

153845. Adult male. Pulau Telibong=Ko Libong (an island at lat. 7°15′ N., long. 99°25′ E.), Province of Trang, Thailand. Mar. 1, 1896 Collected by William L. Abbott.

Lamprocorax panayensis eustathis Oberholser

Journ. Washington Acad. Sci. 16 (19) : 516, Nov. 18, 1926.

=*Aplonis panayensis eustathis* (Oberholser). See Deignan, Sarawak Mus. Journ. 6 (4) : 132, 1954.

182998. Adult male. Kota Bangun (a village at lat. 0°14′ S., long. 116°34′ E.), southeastern Borneo. Jan. 30, 1914. Collected by Harry C. Raven. Original number 1199.

Lamprocorax chalybeus rhadinorhamphus Oberholser

Smithsonian Misc. Coll. 60 (7) : 17, Oct. 26, 1912.

=*Aplonis panayensis altirostris* (Salvadori). See Ripley, Bull. Mus. Comp. Zool. 94: 405, 1944.

179272. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Dec. 12, 1901. Collected by William L. Abbott.

Lamprocorax panayensis nesodramus Oberholser

Journ. Washington Acad. Sci. 16 (19): 516, Nov. 18, 1926.

=*Aplonis panayensis altirostris* (Salvadori). See Ripley, Bull. Mus. Comp. Zool. 94: 405, 1944.

179273. Adult male. Pulau Babi, Tapah Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 13, 1902. Collected by William L. Abbott.

Lamprocorax chalybeus pachistorhinus Oberholser

Smithsonian Misc. Coll. 60 (7): 17, Oct. 26, 1912.

=*Aplonis panayensis pachistorhinus* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 405, 406, 1944.

179863. Adult male. South Pagi Island, Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 19, 1902. Collected by William L. Abbott.

Lamprocorax panayensis richmondi Oberholser

Proc. U.S. Nat. Mus. 55: 272, Apr. 28, 1919.

=*Aplonis panayensis richmondi* (Oberholser). See Chasen, Handlist of Malaysian Birds, p. 298, 1935.

170841. Adult male. Pulau Taya=Pulau Saya (lat. 0°47′ S., long. 104°56′ E.), South China Sea. July 27, 1899. Collected by William L. Abbott.

Lamprocorax panayensis heterochlorus Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 57, June 30, 1917.

=*Aplonis panayensis heterochlorus* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 298, 1935.

170996. Adult male. Pulau Mobur (lat. 3°20′ N., long. 106°12′ E.), Anamba Islands, South China Sea. Aug. 26, 1899. Collected by William L. Abbott.

Lamprocorax panayensis alipodis Oberholser

Journ. Washington Acad Sci. 16 (19): 516, Nov. 18, 1926.

=*Aplonis panayensis alipodis* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 298, 1935.

182435. Adult male. Pulau Panjang (not Pulau Pandigang), lat. 2°20′ N., long. 118°15′ E., Celebes Sea off northeastern Borneo. May 2, 1913. Collected by Harry C. Raven. Original number 601.

Lamprocorax todayensis Mearns

Proc. Biol. Soc. Washington 18: 88, Feb. 21, 1905.

=*Aplonis minor todayensis* (Mearns). See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 242, 1946.

192302. Adult female. Todaya (elev. "4,000" feet), Mount Apo, Dávao Province, Mindanao Island, Philippine Islands. July 11, 1904. Collected by Edgar A. Mearns. Original number 13687.

Lamprocorax montosa [*sic*] Riley

Proc. Biol. Soc. Washington 34: 57, Mar. 31, 1921.

=*Aplonis minor montosus* (Riley). See Stresemann, Journ. für Orn. 88: 21, 22, 1940.

250903. Adult male. Rano Lindu, near the Lindu Lake (about lat. 1°17′ S., long. 120°04′ E.), central Celebes. Mar. 6, 1917. Collected by Harry C. Raven. Original number 3721.

Genus STURNUS Linnaeus

Sturnia erythropygia katchalensis Richmond

Proc. U.S. Nat. Mus. 25: 293, Sept. 17, 1902.

=*Sturnus malabaricus katchalensis* (Richmond). See Stuart Baker, Fauna of British India, birds, ed. 2, 3: 42, 1926; Amadon, Amer. Mus. Nov. 1247: 8, 1943.

178629. Adult male. Katchall Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. Feb. 20, 1901. Collected by William L. Abbott.

Genus GRACULA Linnaeus

Gracula javana halibrecta Oberholser

Journ. Washington Acad. Sci. 16 (19): 516, Nov. 18, 1926.

=*Gracula religiosa halibrecta* Oberholser, *fide* Deignan (MS.).

178596. Adult male. Little Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. Feb. 27, 1901. Collected by William L. Abbott.

Gracula javanensis miotera Oberholser

Smithsonian Misc. Coll. 60 (7): 16, Oct. 26, 1912.

=*Gracula religiosa religiosa* Linnaeus. See Ripley, Bull. Mus. Comp. Zool. 94: 403, 1944.

179288. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 24, 1901. Collected by William L. Abbott.

Gracula javensis baweana Oberholser

Proc. U.S. Nat. Mus. 52: 184 (in list), 195, Feb. 8, 1917.

=*Gracula religiosa religiosa* Linnaeus. See Ripley, Bull. Mus. Comp. Zool. 94: 403, 1944.

181501. Adult female. Bawean Island, Java Sea between Java and Borneo. Nov. 23, 1907. Collected by William L. Abbott.

Gracula javanensis ophellochlora Oberholser

Smithsonian Misc. Coll. 60 (7): 17, Oct. 26, 1912.

=*Gracula religiosa robusta* Salvadori. See Ripley, Bull. Mus. Comp. Zool. 94: 403, 404, 1944.

179284. Adult male. Pulau Tuangku, Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 23, 1902. Collected by William L. Abbott.

Gracula javana prasiocara Oberholser

U.S. Nat. Mus. Bull 98: 5 (in checklist), 55, June 30, 1917.

=*Gracula religiosa batuensis* Finsch. See Ripley, Bull. Mus. Comp. Zool. 94: 404, 1944.

170505. Adult male. Pulau Piling (lat. 2°45′ N., long. 106°11′ E.), Anamba Islands, South China Sea. Aug. 17, 1899. Collected by William L. Abbott.

Genus ENODES Temminck

Enodes erythrophrys centralis Riley

Proc. Biol. Soc. Washington 33: 56, July 24, 1920.

250862. Adult male. Gunong Lehio (lat. 1°33′ S., long. 119°53′ E.), north-central Celebes. Jan. 13, 1917. Collected by Harry C. Raven. Original number 3392.

Family MELIPHAGIDAE: Honey-eaters

Genus GYMNOMYZA Reichenow

Entomiza? olivacea Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 145, "pl. XL, fig. 1," 1848.

=*Gymnomyza samoensis* (Hombron and Jacquinot). See Cassin, U.S. Exploring Expedition (Mamm. and Orn.), p. 172, 1858; Mayr, Birds of the Southwest Pacific, p. 121, 1945.

14501. Adult male. Upolu Island, Samoan Islands, Oceania. 1839. Original number 423. U.S. Exploring Expedition (1838–1842).

14728. Adult (sex not indicated). Samoan Islands, Oceania. 1839. Original number 423. U.S. Exploring Expedition (1838–1842).

Cassin's MS. notes show that there were not less than four cotypes, of which only three seem to have been entered into the museum register. No. 14489 was sent long ago to the Museum of Comparative Zoology, where it is now No. 75732.

Genus CHAETOPTILA Sclater

Entomiza? angustipluma Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 147, "pl. XL, fig. 2," 1848.

=*Chaetoptila angustipluma* (Peale). See Sclater, Ibis (3) 1: 358, 1871; Amadon, Bull. Amer. Mus. Nat. Hist. 95: 256, 1950.

15771. Adult (sex not indicated). Hawaii Island, Hawaiian Islands, Oceania. U.S. Exploring Expedition (1838–1842).

Genus MYZOMELA Vigors and Horsfield

Myzomela rubratra saffordi Wetmore

Proc. Biol. Soc. Washington 30: 117, May 23, 1917.

=*Myzomela cardinalis saffordi* Wetmore. See Mayr, Birds of the Southwest Pacific, pp. 298, 299, 1945.

188868. Adult male. Guam Island, Marianas Islands, Oceania. June 7, 1900. Collected by Alvin Seale. Original number 1547. Received from the Bernice Pauahi Bishop Museum, Honolulu.

Myzomela rubrata [*sic*] **dichromata** Wetmore

in Townsend and Wetmore, Bull. Mus. Comp. Zool. 63 (4) : 220, August 1919.

=*Myzomela cardinalis dichromata* Wetmore. See Mayr, Birds of the Southwest Pacific, pp. 298, 299, 1945.

212413. Adult male. Ponape, eastern Caroline Islands, Oceania. Feb. 11, 1900. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Myzomela nigriventris Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 150, "pl. XLI, fig. 1," 1848.

=*Myzomela cardinalis nigriventris* Peale. See Mayr, Birds of the Southwest Pacific, p. 122, 1945.

14658. Adult male. Samoan Islands, Oceania. 1839. Original number 429. U.S. Exploring Expedition (1838–1842).

Cassin's MS. list indicates that there were at least three cotypes of this form, although I have found only Nos. 14658 and 14693 entered into the museum register. No. 14693 represents either the cotype in the Museum of Comparative Zoology (where it is No. 75728), or the one in the Academy of Natural Sciences of Philadelphia (where it is No. 18209).

Myzomela chloroptera juga Riley

Proc. Biol. Soc. Washington 34: 56, Mar. 31, 1921.

256965. Adult male. Indrulaman, on Lompobatang (a mountain at lat. 5°21′ S., long. 119°56′ E.), southern Celebes. October 1895. Collected by Alfred H. Everett. Received from James H. Fleming (in whose private collection it was No. 15292).

Myzomela jugularis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 150, "pl. XLI, fig. 2," 1848.

14629. Immature male. Fiji Islands, Oceania. 1840. Original number 428. U.S. Exploring Expedition (1838–1842).

14640. Subadult male. Fiji Islands, Oceania. 1840. Original number 428. U.S. Exploring Expedition (1838–1842).

Peale had four specimens, of which but three seem to have been entered into the museum register: Nos. 14629, 14640, and 14659. No. 14659 may represent the cotype now in the Museum of Comparative Zoology (where it is No. 89110), or the one in the Academy of Natural Sciences of Philadelphia (where it is No. 18223).

Genus LICHMERA Cabanis

Stigmatops Salvadorii Meyer

Zeitschr. Ges. Orn. 1 (3) : 217, September 1884.

=*Lichmera squamata salvadorii* (Meyer). See Mathews, Systema avium australasianarum 2: 766, 1930.

317811. Adult (sex not indicated). Timorlaut (Tanimbar) Islands (between Timor Island and New Guinea), Arafura Sea. 1884. Collected by — Riedel. Received from the Staatliche Museen für Tier- und Völkerkunde, Dresden, where it was No. C 7755.

This name was based upon a series of six cotypes, and the label of our specimen bears the word "Co-typus."

Genus PROMEROPS Brisson

Promerops cafer ardens Friedmann

Journ. Washington Acad. Sci. 42 (1) : 32, Jan. 23, 1952.

433386. Adult female. Melsetter, Melsetter District, Southern Rhodesia. May 13, 1939. Collected by Cecil D. Priest. Original number 290.

Family NECTARINIIDAE: Sunbirds

Genus ANTHREPTES Swainson

Anthreptes idius Oberholser

Proc. U.S. Nat. Mus. 22: 33, Oct. 9, 1899.

=*Anthreptes fraseri idia* Oberholser. See Sclater, Systema avium æthiopicarum 2: 711, 1930.

161807. "Male (immature?)"=adult female? Mount Coffee ("one of the numerous low hills along the St. Paul River, about 25 miles from Monrovia"), Liberia. Mar. 16, 1897. Collected by Rolla P. Currie. Original number 22.

Anthreptes simplex euthapsinus Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 107, 1932.

=*Anthreptes simplex* (S. Müller). See Chasen, Handlist of Malaysian birds, p. 278, 1935.

174863. Adult female. Pulau Bunguran (Great Natuna Island), northern Natuna Islands, South China Sea. July 22, 1900. Collected by William L. Abbott.

Anthreptes simplex simplicior Oberholser

Journ. Washington Acad. Sci. 13 (11): 229, June 4, 1923.

=*Anthreptes simplex* (S. Müller). See Chasen, Handlist of Malaysian birds, p. 278, 1935.

178268. Adult male. "Central Borneo." 1899. Collected by A. W. Nieuwenhuis. Original number 596. Received from the Rijks Museum van Natuurlijke Historie, Leiden.

Anthreptes malacensis pelloptilus Oberholser

Smithsonian Misc. Coll. 60 (7): 20, Oct. 26, 1912.

=*Anthreptes malacensis malacensis* (Scopoli). See Ripley, Bull. Mus. Comp. Zool. 94: 409, 410, 1944.

179392. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 22, 1901. Collected by William L. Abbott.

Anthreptes malacensis pollostus Oberholser

Smithsonian Misc. Coll. 60 (7): 21, Oct. 26, 1912.

=*Anthreptes malacensis malacensis* (Scopoli). See Ripley, Bull. Mus. Comp. Zool. 94: 409, 410, 1944.

180913. Adult male. Gunong Lambu, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 27, 1905. Collected by William L. Abbott.

Anthreptes malacensis nesaeus Oberholser

Smithsonian Misc. Coll. 60: (7): 20, Oct. 26, 1912.

=*Anthreptes malacensis malacensis* (Scopoli). See Ripley, Bull. Mus. Comp. Zool. 94: 409, 410, 1944.

180048. Adult male. Shore of Sikakap Strait, North Pagi Island or South Pagi Island, Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. November or December 1902. Collected by William L. Abbott.

Anthreptes malacensis anambae Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 61, June 30, 1917.

=*Anthreptes malacensis malacensis* (Scopoli). See Chasen, Handlist of Malaysian birds, p. 279, 1935.

171009. Adult male. Pulau Mobur (lat. 3°20′ N., long. 106°12′ E.), Anamba Islands, South China Sea. Aug. 25, 1899. Collected by William L. Abbott.

Anthreptes malacensis erixanthus Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 109, 1932.

=*Anthreptes malacensis erixantha* Oberholser. See Chasen, Handlist of Malaysian birds, p. 279, 1935; Deignan (MS.).

174851. Adult female. Pulau Serasan (not Pulau Bunguran), lat. 2°31′ N., long. 109°02′ E., southern Natuna Islands, South China Sea. June 1 (not 25), 1900. Collected by William L. Abbott.

Nectarinia Javanica Horsfield

Trans. Linn. Soc. London 13 (1): 167, May 1821.

=*Anthreptes malacensis malacensis* (Scopoli). See Chasen, Handlist of Malaysian birds, p. 279, 1935.

98187. Adult (sex not indicated, but in male plumage). Java. Received from the British Museum (Nat. Hist.), London, which acquired it from the Indian Museum, Calcutta (where it was part of the Horsfield Collection).

The British Museum label has written, in an unidentified hand, "Cotype of Anth. javanica Horsfield." Gadow (Catalogue of the birds in the British Museum 9: 125, 1884) lists four specimens, received from the Indian Museum, as cotypes of *Nectarinia javanica* Horsfield, and our skin, acquired about June 1884, is presumably one of those four.

Anthreptes malacensis baweanus Oberholser

Proc. U.S. Nat. Mus. 52: 196, Feb. 8, 1917.

=*Anthreptes malacensis baweana* Oberholser. See Chasen, Handlist of Malaysian birds, p. 279, 1935; Deignan (MS.).

181590. Adult male. Bawean Island, Java Sea between Java and Borneo. Nov. 19, 1907. Collected by William L. Abbott.

The author, with one male and one female from Bawean, gave the briefest possible account of the female, but a long and detailed description of the male, and followed this with the comment: "The male of this new form, as is frequently the case in races of *Anthreptes malacensis*, is not with certainty distinguishable, though it seems to be more clearly yellow on the breast than is usual in examples of *Anthreptes malacensis malacensis*. The female, however, shows differences, as above set forth, which apparently indicate subspecific distinction." Why the one specimen, of two, admittedly indistinguishable from members of other races, should be established as *the* type, is not easily explicable.

Anthreptes malacensis bornensis Riley

Proc. Biol. Soc. Washington 33: 55, July 24, 1920.

211591. Adult male. Pulau Bai (an island in Sandakan Harbor, at lat. 5°47′ N., long. 118°06′ E.), Sandakan Residency, British North Borneo. Mar. 1, 1908. Collected by Paul Bartsch.

Anthreptes malacensis paraguæ Riley

Proc. Biol. Soc. Washington 33: 55, July 24, 1920.

=*Anthreptes malacensis paraguae* Riley. See Delacour, Birds of Malaysia, pp. 310, 311, 1947.

233332. Adult male. Puerto Princesa, Paláwan Island, Philippine Islands. Dec. 14, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minnesota Academy of Natural Sciences, where it was No. 3274 of the Menage Collection.

Anthreptes cagayanensis Mearns

Proc. Biol. Soc. Washington 18: 6, Jan. 20, 1905.

=*Anthreptes malacensis cagayanensis* Mearns. See Delacour, Birds of Malaysia, pp. 310, 311, 1947.

191897. Adult male. Cagayán Sulu Island (in the Sulu Sea), Sulu Province, Philippine Islands. Feb. 25, 1904. Collected by Edgar A. Mearns. Original number 13270.

Anthreptes malacensis heliolusius Oberholser

Journ. Washington Acad. Sci. 13 (11) : 228, June 4, 1923.

=*Anthreptes malacensis heliolusia* Oberholser, *fide* Deignan (MS.).

201279. Adult male. Basilan Island, Philippine Islands. Jan. 31, 1906. Collected by Edgar A. Mearns. Original number 13929.

Anthreptes malacensis basilanicus Hachisuka (Bull. Brit. Orn. Club 47: 68, Dec. 29, 1926) is an absolute synonym.

Anthreptes malacensis heliocalus Oberholser

Journ. Washington Acad. Sci. 13 (11) : 229, June 4, 1923.

=*Anthreptes malacensis heliocala* Oberholser?, *fide* Deignan (MS.).

113786. Adult male. Pulau Sangihe (Great Sangihe Island), lat. 3°33′ N., long 125°32′ E., Sangihe Islands, Celebes Sea between Mindanao Island and the northeasternmost cape of Celebes. June 30, 1886. Collected by C. C. Platen. Received from C. Hart Merriam, of whose private collection it once formed part.

Anthreptes malacensis sanghirana Hachisuka (Bull. Brit. Orn. Club 47: 68, Dec. 29, 1926) is an absolute synonym.

The putative race of Pulau Sangihe may be valid, but it should be noted that Oberholser, with but one male and one female, described *heliocala* as similar in the male to *heliolusa*, but "somewhat brighter and of a more golden yellowish below," while Hachisuka, with but two males and one female, found the same sex, in comparison with the bird of Basilan, to have "the underparts of a more greenish than yellow tinge"!

Anthreptes rhodolaema aenea Riley

Proc. Biol. Soc. Washington 47 (23) : 116, June 13, 1934.

182632. Adult male. Labuan Kelambu (lat. 1°15′ N., long. 118°39′ E.), Borneo. June 25, 1913. Collected by Harry C. Raven. Original number 883.

Chalcoparia singalensis koratensis Boden Kloss

Ibis (10) 6 (2) : 218, Apr. 9, 1918.

=*Anthreptes singalensis koratensis* (Boden Kloss). See Riley, U.S. Nat. Mus. Bull. 172: 511, 1938; Delacour, Zoologica, New York 29: 23, 1944.

278694. Adult male. Sathani Lat Bua Khao (lat. 14°50′ N., long. 101°35′ E.), Nakhon Ratchasima Province, Thailand. Oct. 15, 1916. Collected by Cecil Boden Kloss.

278695. Adult female. Sathani Lat Bua Khao, Nakhon Ratchasima Province, Thailand. Oct. 15, 1916. Collected by Cecil Boden Kloss.

Anthreptes singalensis stellae Deignan

Zoologica, New York 35 (8) : 128, Aug. 1, 1950.

=*Anthreptes singalensis koratensis* (Boden Kloss), *fide* Deignan (MS.).

311273. Adult male. Khao Saming (lat. 12°21′ N., long. 102°27′ E.), Trat Province, Thailand. Oct. 16, 1928. Collected by Hugh McC. Smith. Original number 2510.

Anthreptes singalensis internotus [*sic*] Deignan

Proc. Biol. Soc. Washington 68 (23) : 147, Oct. 31, 1955.

=*Anthreptes singalensis internota* Deignan, *fide* Deignan (MS.).

451383. Adult male. Ban Khlua Klang [about lat. 11°38′ N., long. 99°36′ E.], Prachuap Khiri Khan Province, Thailand. Dec. 25, 1952. Collected by Herbert G. Deignan. Original number 575.

Chalcoparia singalensis panopsia Oberholser

Smithsonian Misc. Coll. 60 (7) : 21, Oct. 26, 1912.

=*Anthreptes singalensis panopsia* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 410, 1944; Delacour, Zoologica, New York 29: 23, 1944.

179397. Adult female. Pulau Tuangku (lat. 2°10′ N., long. 97°16′ E.), Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 25, 1902. Collected by William L. Abbott.

Anthreptes collaris garguensis Mearns

Proc. U.S. Nat. Mus. 48: 389, Jan. 19, 1915.

Anthreptes collaris uraguess "Mearns" van Someren

Nov. Zool. 29 (1) : 203, May 18, 1922.

217750. Adult male. Mount Gargues (at elev. 7,000 feet), Northern Frontier District, Kenya Colony. Aug. 25, 1911. Collected by Edmund Heller. Original number 244. Rainey African Expedition (1911).

Van Someren's name is probably a mere *lapsus calami.*

Anthreptes collaris elachior Mearns

Smithsonian Misc. Coll. 56 (14) : 5, Dec. 23, 1910.

215747. Adult male. Changamwe, Kilifi District, Coastal Province, Kenya Colony. Nov. 25, 1909. Collected by Edgar A. Mearns. Original number 17593. Smithsonian African Expedition.

Genus NECTARINIA Illiger

Cyanomitra changamwensis Mearns

Smithsonian Misc. Coll. 56 (14) : 4, Dec. 23, 1910.

=*Nectarinia olivacea changamwensis* (Mearns). See Sclater, Systema avium æthiopicarum 2: 706, 1930; Delacour, Zoologica, New York 29: 24, 1944.

215725. Adult female. Changamwe, Kilifi District, Coastal Province, Kenya Colony. Nov. 25, 1909. Collected by Edgar A. Mearns. Original number 17587. Smithsonian African Expedition.

Anthreptes hypogrammica mariae Deignan

Proc. Biol. Soc. Washington 56: 30, Feb. 25, 1943.

=*Nectarinia hypogrammica mariae* (Deignan). See Delacour, Zoologica, New York 29: 24, 1944.

332545. Adult male. Arboretum of Trang Bom (lat. 10°56′ N., long. 107°00′ E.), Province of Bien Hoa, Cochin-China. Aug. 14, 1932. Collected by A. Poilane. Original number 52.

Chalcomitra senegalensis atra Mearns

Proc. U.S. Nat. Mus. 48: 388, Jan. 19, 1915.

=*Nectarinia senegalensis lamperti* (Reichenow). See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 363, 1937; Delacour, Zoologica, New York 29: 25, 1944.

246077. Adult male. "On the Thika River, at Camp No. 2 of the Childs Frick African Expedition, 20 miles above its junction with the Tana River," Fort Hall District, Central Province, Kenya Colony. Aug. 27, 1912. Collected by Edgar A. Mearns. Original number 23912. Childs Frick African Expedition (1911–1912).

Nectarinia zeylonica whistleri Ripley

Spolia Zeylanica 24 (3): 238, Nov. 8, 1946.

100608. Adult male. Maddur, Mysore District, Mysore State, southern India. July 16, 1883. Collected by William Davison. Received from Richard Bowdler Sharpe.

Cinnyris brasiliana mecynorhyncha Oberholser

Smithsonian Misc. Coll. 60 (7): 19, Oct. 26, 1912.

=*Nectarinia sperata mecynorhyncha* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 408, 1944; Delacour, Zoologica, New York 29:27, 1944.

179396. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 19, 1901. Collected by William L. Abbott.

Cinnyris brasiliana oenopa Oberholser

Smithsonian Misc. Coll. 60 (7): 18, Oct. 26, 1912.

=*Nectarinia sperata brasiliana* (Gmelin). See Ripley, Bull. Mus. Comp. Zool. 94: 408, 1944; Delacour, Zoologica, New York 29: 27, 1944.

180920. Adult male. Mojeia River, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 14, 1905. Collected by William L. Abbott.

Cinnyris brasiliana hypolampis Oberholser

Smithsonian Misc. Coll. 60 (7): 19, Oct. 26, 1912.

=*Nectarinia sperata brasiliana* (Gmelin). See Ripley, Bull. Mus. Comp. Zool. 94: 408, 1944; Delacour, Zoologica, New York 29: 27, 1944.

180051. Adult male. South Pagi Island, Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Dec. 11, 1902. Collected by William L. Abbott.

Cinnyris brasiliana eumecis Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 63, June 30, 1917.

=*Nectarinia sperata eumecis* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 276, 1935; Delacour, Zoologica, New York 29: 27, 1944.

170974. Adult male. Pulau Siantan (lat. 3°10′ N., long. 106°15′ E.), Anamba Islands, South China Sea. Sept. 6, 1899. Collected by William L. Abbott.

Cinnyris brasiliana axantha Oberholser

U.S. Nat. Mus. Bull. 159: 7 (in checklist), 114, 1932.

=*Nectarinia sperata axantha* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 276, 1935; Delacour, Zoologica, New York 29: 27, 1944.

174859. Adult male. Pulau Midai (Low Island), lat. 3°01′ N., long. 107°48′ E., Natuna Islands, South China Sea. May 23, 1900. Collected by William L. Abbott.

Hermotimia talautensis Meyer and Wiglesworth

Journ. für Orn. 42 [(5) 1] (3) : 238, 244, July 1894.

=*Nectarinia sericea talautensis* (Meyer and Wiglesworth). See Mathews, Systema avium australasianarum 2: 732, 1930; Delacour, Zoologica, New York 29: 27, 1944.

317812. Adult male. Kaburuang Island (lat. 3°47′ N., long. 126°48′ E.), Talaut Islands, Celebes Sea southeast of Mindanao Island. Nov. 7, 1893. Collected by — Cursham. Received from the Staatliche Museen für Tier- und Völkerkunde, Dresden, where it was No. C. 13141.

This name was based upon a series of undisclosed length, from the islands of Kaburuang and Salebabu, among which both sexes were represented. The label of our specimen carries the word "Co-typus."

Chalcostetha calcostetha heliomarpta Oberholser

Journ. Washington Acad. Sci. 13 (11) : 229, June 4, 1923.

=*Nectarinia calcostetha calcostetha* Jardine. See Ripley, Bull. Mus. Comp. Zool. 94: 407, 1944; Delacour, Zoologica, New York 29: 27, 1944.

179390. Adult female. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Dec. 1, 1901. Collected by William L. Abbott.

Chalcostetha calcostetha pagicola Oberholser

Smithsonian Misc. Coll. 60 (7) : 17, Oct. 26, 1912.

=*Nectarinia calcostetha calcostetha* Jardine. See Ripley, Bull. Mus. Comp. Zool. 94: 407, 1944; Delacour, Zoologica, New York 29:27, 1944.

180023. Adult male. North Pagi Island, Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 2, 1903. Collected by William L. Abbott.

Chalcostetha calcostetha halitypa Oberholser
U.S. Nat. Mus. Bull. 159: 6 (in checklist), 110, 1932.
=*Nectarinia calcostetha proxima* (Riley). See Chasen, Handlist of Malaysian birds, p. 273, 1935; Delacour, Zoologica, New York 29: 27, 1944.
174856. Adult male. Brian Island=Teberian Besar (lat. 2°30′ N., long. 108°57′ E.), southern Natuna Islands, South China Sea. May 31, 1900. Collected by William L. Abbott.

Chalcostetha calcostetha proxima Riley
Proc. Biol. Soc. Washington 40: 141, Dec. 2, 1927.
=*Nectarinia calcostetha proxima* (Riley). See Chasen, Handlist of Malaysian birds, p. 273, 1935; Delacour, Zoologica, New York 29: 27, 1944.
182688. Adult male. Pulau Derawan (lat. 2°18′ N., long. 118°14′ E.), Celebes Sea off the eastern coast of Borneo. Apr. 25, 1913. Collected by Harry C. Raven. Original number 569.

Cinnyris ornata proselia Oberholser
Journ. Washington Acad. Sci. 13 (11) : 230, June 4, 1923.
=*Nectarinia jugularis proselia* (Oberholser), *fide* Deignan (MS.).
178889. Adult male. Kar Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. Jan. 21, 1901. Collected by William L. Abbott.

Arachnechthra klossi Richmond
Proc. U.S. Nat. Mus. 25: 297, Sept. 17, 1902.
=*Nectarinia jugularis klossi* (Richmond). See Oberholser, Journ. Washington Acad. Sci. 13: 231, 1923; Deignan (MS.).
178787. Adult male. Great Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. Mar. 9, 1901. Collected by William L. Abbott.

It is difficult to believe that "*Cyrtostomus pectoralis blanfordi*" Stuart Baker, 1921, from Kondul (an islet just off Great Nicobar), can be anything but a synonym of *klossi* (a name apparently unknown to Baker), especially since "*blanfordi*" and *klossi* seem to be based upon the same characters.

Cinnyris ornata polyclysta Oberholser
Smithsonian Misc. Coll. 60 (7) : 18, Oct. 26, 1912.
=*Nectarinia jugularis polyclysta* (Oberholser). See Ripley, Bull. Mus. Comp. Zool. 94: 409, 1944; Delacour, Zoologica, New York 29: 28, 29, 1944.
180774. Adult male. Enggano Island, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 24, 1904. Collected by William L. Abbott.

Cinnyris ornata heliozeteta Oberholser
Journ. Washington Acad. Sci. 13 (11) : 231, June 4, 1923.
=*Nectarinia jugularis heliozeteta* (Oberholser) ?, *fide* Deignan (MS.).
180616. Adult male. Tanjong Rengsam=Tanjong Resang (lat. 2°07′ S., long. 105°35′ E.), Bangka Island, South China Sea off Sumatra. May 21, 1904. Collected by William L. Abbott.

Cinnyris ornata heliobleta Oberholser

Journ. Washington Acad. Sci. 13 (11): 230, June 4, 1923.

=*Nectarinia jugularis microleuca* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 277, 1935; Delacour, Zoologica, New York 29: 28, 29, 1944.

175122. Adult male. Tanjong Dungun (lat. 4°47′ N., long. 103°27′ E.), State of Kelantan, Federation of Malaya. Sept. 21, 1900. Collected by William L. Abbott.

Cinnyris ornata microleuca Oberholser

Proc. U.S. Nat. Mus. 55: 273, Apr. 28, 1919.

=*Nectarinia jugularis microleuca* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 277, 1935; Delacour, Zoologica, New York 29: 28, 29, 1944.

170843. Adult male. Pulau Taya=Pulau Saya (lat. 0°47′ S., long. 104°56′ E.), South China Sea. July 26, 1899. Collected by William L. Abbott.

Cinnyris ornata zapega Oberholser

U.S. Nat. Mus. Bull. 159: 7 (in checklist), 112, 1932.

=*Nectarinia jugularis microleuca* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 277, 1935; Delacour, Zoologica, New York 29: 28, 29, 1944.

174865. Adult male. Pulau Subi Besar (lat. 2°56′ N., long. 108°51′ E.), southern Natuna Islands, South China Sea. June 13, 1900. Collected by William L. Abbott.

Cinnyris ornata heliomanis Oberholser

Journ. Washington Acad. Sci. 13 (11): 231, June 4, 1923.

=*Nectarinia jugularis microleuca* (Oberholser). See Chasen, Handlist of Malaysian birds, p. 277, 1935; Delacour, Zoologica, New York 29: 28, 29, 1944.

182683. Adult male. Salintukau (lat. 0°02′ N., long. 117°30′ E.), eastern Borneo. Mar. 13, 1913. Collected by Harry C. Raven. Original number 494.

Cyrtostomus dinagatensis Mearns

Proc. Biol. Soc. Washington 18: 5, Jan. 20, 1905.

=*Nectarinia jugularis jugularis* (Linnaeus). See Rand, Fieldiana, Zoology 31: 600-601, 1951.

191853. Adult male. Dinágat Island, Province of Surigao, Philippine Islands. Apr. 21, 1904. Collected by Edgar A. Mearns. Original number 13349 (not 13449).

Cyrtostomus jugularis mindanensis Mearns

Proc. U.S. Nat. Mus. 36: 443, May 22, 1909.

=*Nectarinia jugularis jugularis* (Linnaeus). See Rand, Fieldiana, Zoology 31: 600, 601, 1951.

192061. Adult male. Zamboanga, Zamboanga Province, Mindanao Island, Philippine Islands. Jan. 24, 1904. Collected by Edgar A. Mearns. Original number 13177.

Cyrtostomus jugularis woodi Mearns

Proc. U.S. Nat. Mus. 36: 444, May 22, 1909.

=*Nectarinia jugularis woodi* (Mearns). See Rand, Fieldiana, Zoology 31: 606, 1951.

200602. Adult male. "One of the 'Three Islands,' south of Sibutu Island," Sulu Archipelago, Philippine Islands. Jan. 5, 1906. Collected by Leonard Wood, Jr., for Edgar A. Mearns. Original number 13851.

Cinnyris aldabrensis Ridgway

Proc. U.S. Nat. Mus. 17: 372, Nov. 15, 1894.

=*Nectarinia sovimanga aldabrensis* (Ridgway). See Sclater, Systema avium æthiopicarum 2: 693, 1930; Delacour, Zoologica, New York 29: 29, 1944.

128673. Adult male. Aldabra Island, western Indian Ocean north of Madagascar. Oct. 1, 1892. Collected by William L. Abbott.

Cinnyris abbotti Ridgway

Proc. U.S. Nat. Mus. 17: 372, Nov. 15, 1894.

=*Nectarinia sovimanga abbotti* (Ridgway). See Sclater, Systema avium æthiopicarum 2: 693, 1930; Delacour, Zoologica, New York 29: 29, 1944.

128680. Adult male. Assumption Island (lat. 9°47′ S., long. 46°31′ E.), western Indian Ocean north of Madagascar. Sept. 18, 1892. Collected by William L. Abbott.

Cinnyris venusta blicki Mearns

Proc. U.S. Nat. Mus. 48: 386, Jan. 19, 1915.

=*Nectarinia venusta blicki* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 356, 1937; Delacour, Zoologica, New York 29: 29, 1944.

217964. Adult male. "Near the south shore of Lake Stefanie" (a lake east of the northern end of Lake Rudolf), Northern Frontier District, Kenya Colony. May 17, 1912. Collected by John C. Blick.

Cinnyris mediocris garguensis Mearns

Proc. U.S. Nat. Mus. 48: 387, Jan. 19, 1915.

=*Nectarinia mediocris mediocris* (Shelley). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 361, 1937; Delacour, Zoologica, New York 29: 30, 1944.

217754. Adult male. Summit of Mount Gargues (elev. 7,100 feet), Northern Frontier District, Kenya Colony. Aug. 27, 1911. Collected by Edmund Heller. Original number 249. Rainey African Expedition (1911).

Cinnyris mediocris keniensis Mearns

Smithsonian Misc. Coll. 56 (14): 4, Dec. 23, 1910.

=*Nectarinia mediocris mediocris* (Shelley). See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 361, 362, 1937; Delacour, Zoologica, New York 29: 30, 1944.

215737. Adult male. "West Kenia Forest Station" (on the slopes of Mount Kenya at elev. 7,500 feet), North Nyeri or South Nyeri District, Central Province, Kenya Colony. Sept. 19, 1909. Collected by Edgar A. Mearns. Original number 16865. Smithsonian African Expedition.

Cinnyris reichenowi kikuyensis Mearns

Proc. U.S. Nat. Mus. 48: 388, Jan. 19, 1915.

=*Nectarinia preussi kikuyensis* (Mearns). See Delacour, Zoologica, New York 29: 30 (footnote), 1944.

246001. Adult male. Escarpment (a station on the Uganda Railway between Nairobi and Naivasha), elev. 7,390 feet, Kiambu District, Central Province, Kenya Colony. Sept. 6, 1912. Collected by Edgar A. Mearns. Original number 24076. Childs Frick African Expedition (1911–1912).

Helionympha raineyi Mearns

Smithsonian Misc. Coll. 56 (28): 1, Nov. 28, 1911.

=*Nectarinia bifasciata suahelica* (Reichenow). See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 354, 1937; Delacour, Zoologica, New York 29: 31, 32, 1944.

217483. Adult male. Telek River, near Sotik Post, Kericho District, Rift Province, Kenya Colony. May 16, 1911. Collected by Edmund Heller. Original number 136. Paul J. Rainey African Expedition (1911).

Cinnyris nectarinioides Richmond

Auk 14 (2): 158, April 1897.

=*Nectarinia pulchella nectarinioides* (Richmond). See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 350, 1937; Delacour, Zoologica, New York 29: 32, 1944.

118227. Adult male. Plains east of Mount Kilimanjaro, Moshi District, Northern Province, Tanganyika Territory. Oct. 1, 1888. Collected by William L. Abbott.

Nectarinia johnstoni idius Mearns

Smithsonian Misc. Coll. 56 (14): 3, Dec. 23, 1910.

=*Nectarinia johnstoni johnstoni* Shelley. See Williams, Ibis 93: 580–581, 1951.

215664. Adult male. Mount Kenya (at elev. 14,000 feet), Kenya Colony. Sept. 26, 1909. Collected by Edgar A. Mearns. Original number 16909. Smithsonian African Expedition.

Nectarinia reichenowi lathburyi Williams

Bull. Brit. Orn. Club 76 (8): 136 (pl.), 137, Nov. 1, 1956.

217741. Adult male. Mount Gargues (at elev. 7,100 feet), Northern Frontier District, Kenya Colony. Aug. 27, 1911. Collected by Edmund Heller. Original number 248. Rainey African Expedition (1911).

Genus AETHOPYGA Cabanis

Æthopyga boltoni Mearns

Proc. Biol. Soc. Washington 18: 4, Jan. 20, 1905.

=*Aethopyga boltoni* Mearns. See Delacour, *in* Delacour and Mayr, Birds of the Philippines, p. 230, 1946.

192279. Adult male. Mount Apo (at elev. 6,250 feet), Dávao Province, Mindanao Island, Philippine Islands. June 25, 1904. Collected by Edgar A. Mearns. Original number 13585.

The adult female described by Mearns (*op. cit.*, p. 5) has proved to be an example of the species subsequently named *Aethopyga primigenia* by Hachisuka.

Aethopyga bonita Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 17, Dec. 8, 1894.

=*Aethopyga shelleyi bonita* Bourns and Worcester. See Delacour, *in* Delacour and Mayr, Birds of the Philippines, pp. 231, 232, 1946.

316184. Adult male. Palánog, Masbate Island, Philippine Islands. November 23, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3008 of the Menage Collection.

316185. Adult Male. Bais, Negros Island, Philippine Islands. January 16, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3011 of the Menage Collection.

316186. Adult female. Bais, Negros Island, Philippine Islands. January 15, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3015 of the Menage Collection.

316187. Adult female. Palánog, Masbate Island, Philippine Islands. November 23, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3010 of the Menage Collection.

This name was based upon a series of indeterminable length, but including both sexes, from the islands of Negros, Cebú, and Masbate. Each of the four here listed bears the word "TYPE" on its label.

Aethopyga dabryii bangsi Riley

Proc. Biol. Soc. Washington 38: 11, Jan. 27, 1925.

=*Aethopyga gouldiae bangsi* Riley? See Deignan, Auk 61: 135, 1944.

213223. Adult male. "Hong Sur Kou," Province of Hupeh, China. May 15, 1907. Collected by Walter R. Zappey. The John E. Thayer Expedition to China (1907–1908). Received from the Museum of Comparative Zoology, where it was No. 50758.

Aethopyga nipalensis koelzi Ripley

Proc. Biol. Soc. Washington 61: 106, June 16, 1948.

390621. Adult male. "On the Dening-Dreyi trail" (at elev. 5,000 feet), Mishmi Hills, Sadiya Frontier Tract, Assam State, India. January 7, 1947. Collected by S. Dillon Ripley. Original number 332. Smithsonian Institution-Yale University Expedition.

Aethopyga nipalensis angkanensis Riley

Proc. Biol. Soc. Washington 42: 162, May 3, 1929.

311620. Adult male. Doi Ang Ka (Doi Inthanon), at elev. 8,400 feet (lat. 18°35′ N., long. 98°30′ E.), Province of Chiang Mai, northwestern Thailand. December 5, 1928. Collected by Hugh McC. Smith. Original number 2692.

Aethopyga saturata galenae Deignan

Journ. Washington Acad. Sci. 38 (1): 22, Jan. 15, 1948.

331074. Adult male. Doi Langka (Khao Pha Cho), lat. 19°00′ N., long. 99°25′ E., northern Thailand. November 10, 1930. Collected by Hugh McC. Smith. Original number 4307.

Æthopyga anomala Richmond

Proc. U.S. Nat. Mus. 22: 319, May 12, 1900.

=*Aethopyga saturata anomala* Richmond. See Deignan, Journ. Washington Acad. Sci. 38: 22, 1948.

160366. Adult male. Khao Sung (at elev. 2,500 feet), lat. 7°32′ N., long. 99°50′ E.), Province of Trang or Phatthalung, peninsular Thailand. March 2, 1897. Collected by William L. Abbott.

Aethopyga siparaja heliotis Oberholser

Journ. Washington Acad. Sci. 13 (11): 231, June 4, 1923.

=*Aethopyga siparaja cara* Hume, *fide* Deignan (MS.).

173263. Adult male. Domel Island, Mergui Archipelago, Mergui District, Tenasserim Division, Burma. Feb. 23, 1900. Collected by William L. Abbott.

Aethopyga siparaja tinoptila Oberholser

Smithsonian Misc. Coll. 60 (7): 17, Oct. 26, 1912.

=*Aethopyga siparaja siparaja* (Raffles). See Ripley, Bull. Mus. Comp. Zool. 94: 407, 408, 1944.

179410. Adult male. Pulau Siumat (an islet off Simalur Island, at lat. 2°39′ N., long. 96°22′ E.), Barussan Islands, eastern Indian Ocean off Sumatra. December 28–30 (not 28), 1901. Collected by William L. Abbott.

Aethopyga siparaja melanetra Oberholser
Smithsonian Misc. Coll. 60 (7) : 18, Oct. 26, 1912.
=*Aethopyga siparaja siparaja* (Raffles). See Ripley, Bull. Mus. Comp. Zool. 94: 407, 408, 1944.
179401. Adult male. Pulau Lassia (lat. 2°10′ N., long. 95°38′ E.), Tapah Group, Barussan Islands, eastern Indian Ocean off Sumatra. January 5. 1902. Collected by William L. Abbott.

Aethopyga siparaja heliophiletica Oberholser
Journ. Washington Acad. Sci. 13 (11) : 231, June 4, 1923.
=*Aethopyga siparaja siparaja* (Raffles). See Ripley, Bull. Mus. Comp. Zool. 94: 407, 408, 1944.
179405. Adult male. Pulau Bangkaru (lat. 2°04′ N., long. 97°06′ E.), Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. January 18, 1902. Collected by William L. Abbott.

Aethopyga siparaja photina Oberholser
Smithsonian Misc. Coll. 60 (7) : 18, Oct. 26, 1912.
=*Aethopyga siparaja siparaja* (Raffles). See Ripley, Bull. Mus. Comp. Zool. 94: 407, 408, 1944.
180058. Adult male. North Pagi Island (lat. 2°41′ S., long. 100°12′ E.), Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. December 22, 1902. Collected by William L. Abbott.

Aethopyga siparaja ochropyrrha Oberholser
U.S. Nat. Mus. Bull. 98: 5 (in checklist), 65, June 30, 1917.
=*Aethopyga siparaja siparaja* (Raffles). See Chasen, Handlist of Malaysian birds, p. 275, 1935.
174850. Adult male. Pulau Rittan (lat. 2°37′ N., long. 106°17′ E.), Anamba Islands, South China Sea. May 21, 1900. Collected by William L. Abbott.

Aethopyga siparaja heliogona Oberholser
Journ. Washington Acad. Sci. 13 (11) : 232, June 4, 1923.
219086. Adult male. Depok (lat. 6°24′ S., long. 106°49′ E.), District of Bogor, western Java. March 29, 1909. Collected by William Palmer. Original number 316. Owen Bryant Java Expedition.

Genus ARACHNOTHERA Temminck

Arachnothera longirostris antelia Oberholser
Journ. Washington Acad. Sci. 13 (11) : 227, June 4, 1923.
=*Arachnothera longirostra cinireicollis* (Vieillot), *fide* Deignan (MS.).
169920. Adult male. Trang Province (about lat. 7°–8° N.), Thailand. Jan. 1, 1899. Collected by William L. Abbott.

Arachnothera longirostra zarhina Oberholser
Smithsonian Misc. Coll. 60 (7) : 19, Oct. 26, 1912.
=*Arachnothera longirostra cinireicollis* (Vieillot), *fide* Deignan (MS.).

179386. Adult male. Pulau Bangkaru (lat. 2°04′ N., long. 97°06′ E.), Banyak Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 18, 1902. Collected by William L. Abbott.

Arachnothera longirostra hypochra Oberholser

Smithsonian Misc. Coll. 60 (7): 19, Oct. 26, 1912.

=*Arachnothera longirostra cinireicollis* (Vieillot), *fide* Deignan (MS.).

180039. Adult male. North Pagi Island (lat. 2°41′ S., long. 101°12′ E.), Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 24, 1902. Collected by William L. Abbott.

Arachnothera longirostra exochra Oberholser

Smithsonian Misc. Coll. 60 (7): 19, Oct. 26, 1912.

=*Arachnothera longirostra cinireicollis* (Vieillot), *fide* Deignan (MS.).

180030. Adult male. South Pagi Island (lat. 3°00′ S., long. 100°20′ E.), Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 15, 1902. Collected by William L. Abbott.

Arachnothera longirostra melanchima Oberholser

Smithsonian Misc. Coll. 60 (7): 19, Oct. 26, 1912.

=*Arachnothera longirostra cinireicollis* (Vieillot), *fide* Deignan (MS.).

181328. Adult male. "Upper Siak River" (of which the mouth is at about lat. 1°12′ N., long 102°00′ E.), Sumatra. Nov. 23, 1906. Collected by William L. Abbott.

Arachnothera longirostris heliocrita Oberholser

Journ. Washington Acad. Sci. 13 (11): 228, June 4, 1923.

=*Arachnothera longirostra cinireicollis* (Vieillot), *fide* Deignan (MS.).

170469. Adult male. Selitar (9 miles from Singapore Town), Singapore Island. May 17, 1899. Collected by William L. Abbott.

Arachnothera longirostra atita Oberholser

U.S. Nat. Mus. Bull. 159: 6 (in checklist), 104, 1932.

174846. Adult male. Sirhassen Island=Pulau Serasan (lat. 2°31′ N., long. 109°02′ E.), southern Natuna Islands, South China Sea. June 5, 1900. Collected by William L. Abbott.

Arachnothera chrysogenys astilpna Oberholser

Journ. Washington Acad. Sci. 13 (11): 227, June 4, 1923.

=*Arachnothera chrysogenys chrysogenys* (Temminck)?, *fide* Deignan (MS.).

173289. Adult male. Bok Pyin (lat. 11°16′ N., long. 98°46′ E.), Mergui District, Tenasserim Division, Burma. Feb. 14, 1900. Collected by William L. Abbott.

Arachnothera chrysogenys intensiflava Stuart Baker (Bull. Brit. Orn. Club 46: 14, 1925), from "Kossoom, Tenasserim" (=Ban Krasom, peninsular Thailand at lat. 8°25′ N., long. 98°25′ E.), to which Baker attributes the same range as does Oberholser to *astilpna*, is clearly a synonym. The populations of Java (not seen by me) and Sumatra are considered inseparable by most students of Malaysian birds; it is therefore not easy to understand why *astilpna* was characterized as darker and duller than *chrysogenys* of

Sumatra, while *intensiflava* was diagnosed as decidedly brighter than *chrysogenys* of Java!

Arachnothera chrysogenys copha Oberholser

Smithsonian Misc. Coll. 60 (7) : 20, Oct. 26, 1912.

=*Arachnothera chrysogenys chrysogenys* (Temminck) ?, *fide* Deignan (MS.).

179381. Adult male. Tapanuli Bay (about lat. 1°39′ N., long. 98°45′ E.), northwestern Sumatra. February 28, 1902. Collected by William L. Abbott.

Arachnothera chrysogenys pleoxantha Oberholser

Smithsonian Misc. Coll. 60 (7) : 20, Oct. 26, 1912.

=*Arachnothera chrysogenys chrysogenys* (Temminck) ?, *fide* Deignan (MS.).

180909. Adult female. Gunong Lembu, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Feb. 27, 1905. Collected by William L. Abbott.

Arachnothera chrysogenys isopega Oberholser

Smithsonian Misc. Coll. 60 (7) : 20, Oct. 26, 1912.

=*Arachnothera chrysogenys chrysogenys* (Temminck) ?, *fide* Deignan (MS.).

180028. Adult (sex not indicated). North Pagi or South Pagi Island, Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Dec. 26, 1902. Collected by William L. Abbott.

Arachnothera chrysogenys harrissoni Deignan

Proc. Biol. Soc. Washington 70 (8) : 44, June 28, 1957.

182609. Adult male. Labuan Kelambu (lat. 1°15′ N., long. 118°39′ E.), Berau District, Samarinda Division, Borneo. June 24, 1913. Collected by Harry C. Raven. Original number 869.

Arachnothera affinis caena Deignan

Proc. Biol. Soc. Washington 69 (36) : 210, Dec. 31, 1956.

451428. Adult (sex not indicated). Ban Hin Laem (lat. 14°40′ N., long. 98°40′ E.), Province of Kanchanaburi, Thailand. Nov. 3, 1952. Collected by Herbert G. Deignan. Original number 59.

Arachnothera affinis heliophilus Oberholser

Journ. Washington Acad. Sci. 13 (11) : 226, June 4, 1923.

=*Arachnothera affinis modesta* (Eyton). See Chasen, Handlist of Malaysian birds, p. 282, 1935.

179384. Adult male. "Loh Sidoh Bay"=Sidoh Bay (lat. 5°21′ N., long. 95°15′ E.), northwestern Sumatra. Nov. 6, 1901. Collected by William L. Abbott.

Arachnothera affinis pars Riley

Journ. Washington Acad. Sci. 29 (1) : 40, Jan. 15, 1939.

182150. Adult male. Sungei Birang (a river that enters the Berau from the north at lat. 2°10′ N., long. 117°23′ E.), eastern Borneo. October 9, 1912. Collected by Harry C. Raven. Original number 276.

Arachnothera magna musarum Deignan

Proc. Biol. Soc. Washington 69 (36) : 210, Dec. 31, 1956.

350458. Adult male. Doi Phu Kha (lat. 19°05′ N., long. 101°05′ E.), Province of Nan, Thailand. Apr. 5, 1936. Collected by Herbert G. Deignan. Original number 1095.

Arachnothera magna pagodarum Deignan

Proc. Biol. Soc. Washington 69 (36) : 211, Dec. 31, 1956.

451430. Adult female. Ban Hin Laem (lat. 14°40′ N., long. 98°40′ E.), Province of Kanchanaburi, Thailand. Nov. 25, 1952. Collected by Herbert G. Deignan. Original number 263.

Arachnothera magna remota Riley

Proc. Biol. Soc. Washington 53 (18) : 80, June 28, 1940.

359346. Adult male. Peaks of Lang Bian (at elev. 7,020 feet), Province of Haut-Donaï, southern Annam. June 1939. Collected by Joseph F. C. Rock. Original number 181.

Family DICAEIDAE: Flower-peckers

Genus PRIONOCHILUS Strickland

Anaimos maculatus opistatus Oberholser

Smithsonian Misc. Coll. 60 (7) : 22, Oct. 26, 1912.

=*Prionochilus maculatus maculatus* (Temminck), *fide* Deignan (MS.).

180933. Adult male. Telok Beluku (a bay at lat. 1°23′ N., long 97°33′ E.), Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 3, 1905. Collected by William L. Abbott.

Genus DICAEUM Cuvier

Piprisoma modesta [*sic*] **pallescens** Riley

Proc. Biol. Soc. Washington 48 (29) : 148, Oct. 21, 1935.

=*Dicaeum agile pallescens* (Riley). See Deignan, U.S. Nat. Mus. Bull. 186: 549, 551, 1945; Mayr and Amadon, Amer. Mus. Nov. 1360: 16, 17, 1947.

324673. Adult female. Sathani Pak Chong (lat. 14°40′ N., long. 101°25′ E.), Province of Nakhon Ratchasima, Thailand. Nov. 26, 1929. Collected by Hugh McC. Smith. Original number 3514.

Dicaeum agile separabile Deignan

Proc. Biol. Soc. Washington 69 (36) : 211, Dec. 31, 1956.

361256. Adult male. Near Dalat (lat. 11°55′ N., long. 108°26′ E.), Province of Haut-Donaï, Annam. October 1939. Collected by Joseph F. C. Rock. Original number 857.

Piprisoma diversum Riley

Proc. Biol. Soc. Washington 49 (25) : 113, Aug. 22, 1936.

=*Dicaem agile affine* (Zimmer), *fide* Deignan (MS).

315811. Adult male. Puerto Princesa, Paláwan Island, Philippine Islands. December 10, 1891. Collected by Dean C. Worcester and

Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences (where it was No. 2830 of the Menage Collection).

Prionochilus bicolor Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 20, Dec. 8, 1894.

=*Dicaeum bicolor bicolor* (Bourns and Worcester). See Mayr and Amadon, Amer. Mus. Nov. 1360: 18, 1947.

316183. Adult male. "Hills back of Ayala, near Zamboanga," Province of Zamboanga, Mindanao Island, Philippine Islands. July 22, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences (where it was No. 2842 of the Menage Collection).

Dicaeum trigonostigma antioproctum Oberholser

Smithsonian Misc. Coll. 60 (7): 21, Oct. 26, 1912.

179398. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 25, 1901. Collected by William L. Abbott.

Dicaeum trigonostigma melanthe Oberholser

Smithsonian Misc. Coll. 60 (7): 21, Oct. 26, 1912.

=*Dicaeum trigonostigma antioproctum* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 412, 413, 1944.

179400. Adult male. Pulau Lassia (lat. 2°10′ N., long. 95°38′ E.), Tapah Group, Barussan Islands, eastern Indian Ocean off Sumatra. Jan. 7, 1902. Collected by William L. Abbott.

Dicaeum trigonostigma lyprum Oberholser

Smithsonian Misc. Coll. 60 (7): 21, Oct. 26, 1912.

=*Dicaeum trigonostigma antioproctum* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 412, 413, 1944.

180068. Adult male. Lafau, Nias Island, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 21, 1903. Collected by William L. Abbott.

Dicaeum trigonostigmum [*sic*] **pagense** Oberholser

Journ. Washington Acad. Sci. 16 (19): 520, Nov. 18, 1926.

=*Dicaeum trigonostigma antioproctum* Oberholser. See Ripley, Bull. Mus. Comp. Zool. 94: 412, 413, 1944.

180065. Adult male. South Pagi Island (lat. 3°00′ S., long. 100°20′ E.), Mentawi Group, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 16, 1902. Collected by William L. Abbott.

Dicaeum trigonostigmum [*sic*] **hypochloum** Oberholser

U.S. Nat. Mus. Bull. 98: 5 (in checklist), 67, June 30, 1917.

=*Dicaeum trigonostigma trigonostigma* (Scopoli). See Chasen, Handlist of Malaysian birds, p. 269, 1935.

170972. Immature male. Pulau Siantan (lat. 3°10′ N., long. 106°15′ E.), Anamba Islands, South China Sea. Sept. 8, 1899. Collected by William L. Abbott.

Dicaeum intermedia [*sic*] Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 19, Dec. 8, 1894.

=*Dicaeum trigonostigma intermedium* Bourns and Worcester. See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 226, 1946.

316172. Adult male. Romblón Island, Philippine Islands. September 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2699 of the Menage Collection.

This name was based upon a series of skins from Romblón and Tablas Islands, and the word "TYPE" appears upon the labels of a male and a female from Tablas, as well as upon that of the bird listed above. In fact, however, Tablas specimens differ in some degree from those of Romblón, as pointed out by Bourns and Worcester, and the same name should not apply to both populations. The authors have themselves inferentially restricted their name to the population of Romblón, by the statement: "It may ultimately prove that the Tablas birds are distinct, the four specimens secured by us in that island having a much heavier wash of yellow on the throat than the Romblón birds," and I here definitely restrict the name *intermedium* to the population of Romblón. It might be argued that all five of the adult males from Romblón are equivalent cotypes, but I list here only Bourns and Worcester's own lectotype.

Dicaeum sibuyanica [*sic*] Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1): 18, Dec. 8, 1894.

=*Dicaeum trigonostigma sibuyanicum* Bourns and Worcester. See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 226, 1946.

316178. Adult male. Sibuyán Island, Philippine Islands. Oct. 13, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2673½ of the Menage Collection.

316179. Adult female. Sibuyán Island, Philippine Islands. Oct. 8, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2687½ of the Menage Collection.

316180. Adult male. Sibuyán Island, Philippine Islands. Oct. 8, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2682 of the Menage Collection.

316181. Adult female. Sibuyán Island, Philippine Islands. Oct. 8, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2683 of the Menage Collection.

Dicaeum pallidior [*sic*] Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1) : 18, Dec. 8, 1894.

=*Dicaeum trigonostigma pallidius* Bourns and Worcester. See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 226, 1946.

316176. Adult male. Toledo, Cebú Island, Philippine Islands. June 22, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2662 of the Menage Collection.

316177. Adult male. Toledo, Cebú Island, Philippine Islands. June 21, 1892. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2656 of the Menage Collection.

Dicaeum assimilis [*sic*] Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1) : 19, Dec. 8, 1894.

=*Dicaeum trigonostigma assimile* Bourns and Worcester. See Mayr, *in* Delacour and Mayr, Birds of the Philippines, pp. 226, 227, 1946.

316174. Adult male. Sulu Island=Joló Island, Sulu Archipelago, Philippine Islands. Sept. 17, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2705 of the Menage Collection.

316173. Adult female. Sulu Island=Joló Island, Sulu Archipelago, Philippine Islands. September 30, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 2703 of the Menage Collection.

Dicæum cruentatum siamensis [*sic*] Boden Kloss

Ibis (10) 6 (2) : 216, Apr. 9, 1918.

=*Dicaeum cruentatum siamense* Boden Kloss. See Deignan, U.S. Nat. Mus. Bull. 186: 544, 546, 1945.

278699. Adult male. Sathani Lat Bua Khao (lat. 14°50′ N., long. 101°35′ E.), eastern Thailand. Oct. 14, 1916. Collected by Cecil Boden Kloss.

278700. Adult female. Sathani Lat Bua Khao, eastern Thailand. Oct. 19, 1916. Collected by Cecil Boden Kloss.

Dicæum sumatranum batuense Richmond

Proc. Biol. Soc. Washington 25: 104, June 15, 1912.

=*Dicaeum cruentatum batuense* Richmond. See Ripley, Bull. Mus. Comp. Zool. 94: 412, 1944.

180073. Adult male. Pulau Pini (lat. 0°07′ N., long. 98°41′ E.), Batu Group, Barussan Islands, eastern Indian Ocean off Sumatra. Mar. 3, 1903. Collected by William L. Abbott.

Dicaeum umbratile Riley

Proc. Biol. Soc. Washington 43: 191, Nov. 29, 1930.

=*Dicaeum ignipectus cambodianum* Delacour and Jabouille. See Riley, U.S. Nat. Mus. Bull. 172: 515, 1938; Mayr and Amadon, Amer. Mus. Nov. 1360: 28, 1947.

324672. Adult male. Khao Kuap (lat. 12°25′ N., long. 102°50′ E.), Province of Trat, southeastern Thailand. Dec. 24, 1929. Collected by Hugh McC. Smith. Original number 3562.

Dicæum ignipectus dolichorhynchum Deignan

Proc. Biol. Soc. Washington 51: 97, May 19, 1938.

=*Dicaeum ignipectus dolichorhynchum* Deignan. See Mayr and Amadon, Amer. Mus. Nov. 1360: 28, 1947.

160382. Adult male. Summit of Khao Nam Pliu (elev. 3,000 feet), lat. 7°35′ N., long. 99°50′ E., Province of Phatthalung or Trang, peninsular Thailand. Feb. 26, 1897. Collected by William L. Abbott.

Dicæum davao Mearns

Proc. Biol. Soc. Washington 18: 87, Feb. 21, 1905.

=*Dicaeum ignipectus davao* Mearns, *fide* Deignan (MS.).

192054. Adult male. Cotabato, Cotabato Province, Mindanao Island, Philippine Islands. Mar. 3, 1904. Collected by Edgar A. Mearns. Original number 13399.

Mayr (Delacour and Mayr, Birds of the Philippines, p. 225, 1946) has erred in treating *davao* as a race of *Dicaeum pygmaeum*.

Family ZOSTEROPIDAE: White-eyes

Genus ZOSTEROPS Vigors and Horsfield

Zosterops halconensis Mearns

Philippine Journ. Sci. 2 (5) sec. A: 360, October 1907.

=*Zosterops montana halconensis* Mearns. See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 235, 1946.

202405. Adult male. Mount Halcón (at elev. 4,500 feet), Mindoro Island, Philippine Islands. Nov. 14, 1906. Collected by Edgar A Mearns. Original number 14480.

Zosterops palpebrosa vicina Riley

Proc. Biol. Soc. Washington 42: 162, May 3, 1929.

=*Zosterops palpebrosa mesoxantha* Salvadori. See Deignan, Zoologica, New York 28: 201, 1943.

311617. Adult male. Summit of Doi Suthep (elev. 5,500 feet), lat. 18°50′ N., long. 98°55′ E., Province of Chiang Mai, northwestern Thailand. Dec. 15, 1928. Collected by Hugh McC. Smith. Original number 2780.

Zosterops ventralis Richmond

Proc. U.S. Nat. Mus. 25: 288, Sept. 17, 1902.

=*Zosterops palpebrosa nicobarica* Blyth. See Stuart Baker, Fauna of British India, birds, ed. 2, 7: 281, 1930.

178798. Adult male. Kar Nicobar Island, Nicobar Islands, Bay of Bengal northwest of Sumatra. Jan. 24, 1901. Collected by William L. Abbott.

Zosterops siquijorensis Bourns and Worcester

Occas. Pap. Minnesota Acad. Nat. Sci. 1 (1):21, Dec. 8, 1894.

=*Zosterops palpebrosa siquijorensis* Bourns and Worcester. See Mayr, *in* Delacour and Mayr, Birds of the Philippines, p. 236, 1946.

316189. Adult male. Siquijor Island, Philippine Islands. Feb. 10, 1891. Collected by Dean C. Worcester and Frank S. Bourns. Received from the Minneapolis Public Library, which acquired it from the Minnesota Academy of Natural Sciences, where it was No. 3846 of the Menage Collection.

In addition to this specimen, a female, No. 316188, has also been marked by Bourns and Worcester as "TYPE," but it can be considered only a paratype.

Zosterops atricapilla wetmorei Deignan

Zoologica, New York 28 (4) : 202, Dec. 31, 1943.

234322. Adult male. "Chong" (a mountain pass on the road from Trang to Phatthalung, at about lat. 7°36′ N., long. 99°50′ E.; see Robinson and Boden Kloss, Ibis [9] 4: 669, 1910), Province of Trang, peninsular Thailand. Dec. 5, 1909. Collected by Cecil Boden Kloss. Received from the Federated Malay States Museums, Kuala Lumpur and Taiping.

Zosterops aldabrensis Ridgway

Proc. U.S. Nat. Mus. 17: 371, Nov. 15, 1894.

128702. Adult male. Aldabra Island, western Indian Ocean north of Madagascar. Oct. 3, 1892. Collected by William L. Abbott.

Zosterops madagascariensis gloriosæ Ridgway

Proc. U.S. Nat. Mus. 17: 372, Nov. 15, 1894.

=*Zosterops maderaspatana gloriosae* Ridgway. See Sclater, Systema avium æthiopicarum 2: 678, 1930.

128706. Adult female. Gloriosa Island, western Indian Ocean north of Madagascar. Jan. 25, 1893. Collected by William L. Abbott.

Zosterops senegalensis fricki Mearns

Smithsonian Misc. Coll. 61 (20) : 6, Nov. 29, 1913.

245874. Adult male. Bowlder Hill, Thika River, Fort Hall District, Central Province, Kenya Colony. Aug. 28, 1912. Collected by Edgar A. Mearns. Original number 23936. Childs Frick African Expedition (1911–1912).

Zosterops virens garguensis Mearns

Smithsonian Misc. Coll. 61 (20): 7, Nov. 29, 1913.

217736. Adult male. Summit of Mount Gargues (elev. 7,100 feet), Northern Frontier District, Kenya Colony. Aug. 25, 1911. Collected by Edmund Heller. Original number 225. Paul J. Rainey African Expedition (1911).

Zosterops solombensis Oberholser

Proc. U.S. Nat. Mus. 54: 188, Nov. 2, 1917.

=*Zosterops lutea solombensis* Oberholser. See Mees, Sarawak Mus. Journ. 6 (4): 137, 1954.

181588. Adult male. Pulau Solombo Besar=Pulau Masalembo Besar (lat. 5°35′ S., long. 114°25′ E.), Java Sea. Dec. 5, 1907. Collected by William L. Abbott.

Zosterops solombensis zachlora Oberholser

Proc. U.S. Nat. Mus. 54: 199, Nov. 2, 1917.

=*Zosterops lutea solombensis* Oberholser. See Mees, Sarawak Mus. Journ. 6 (4): 137, 1954.

181589. Adult male. Pulau Kalambau (lat. 4°55′ S., long. 115°35′ E.), Laurot Islands, Java Sea. Dec. 7, 1907. Collected by William L. Abbott.

Zosterops atrifrons surda Riley

Proc. Biol. Soc. Washington 32 (16): 95, May 20, 1919.

251158. Adult male. Rano Lindu, near the Lindu Lake (about lat. 1°17′ S., long. 120°04′ E.), central Celebes. Mar. 24, 1917. Collected by Harry C. Raven. Original number 4045.

Zosterops flaviceps Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 95, "pl. xxv, fig. 5," 1848.

=*Zosterops lateralis flaviceps* Peale. See Murphy and Mathews, Amer. Mus. Nov. 356: 7, 1929.

15762. Adult (sex not indicated). Vanua Levu Island, Fiji Islands, Oceania. June 15, 1840. Original number 157. U.S. Exploring Expedition (1838–1842).

Genus PSEUDOZOSTEROPS Finsch

Lophozosterops striaticeps Riley

Proc. Biol. Soc. Washington 31: 157, Dec. 30, 1918.

=*Pseudozosterops squamiceps striaticeps* (Riley). See Stresemann, Journ. für Orn. 88: 66, 67, 1940.

251151. Adult male. Gunong Lehio (lat. 1°33′ S., long. 119°53′ E.), north-central Celebes. Jan. 13, 1917. Collected by Harry C. Raven. Original number 3397.

Genus APOIA Hachisuka

Zosterops goodfellowi malindangensis Mearns

Proc. U.S. Nat. Mus. 36: 443, May 22, 1909.

=*Apoia goodfellowi malindangensis* (Mearns). See Hachisuka, Orn. Soc. Japan, Suppl. Publ. 14: 205, 206, 1930.

202401. Adult male. Summit of Mount Lebo (elev. 5,750 feet), Mount Malindang, Misamis Province, Mindanao Island, Philippine Islands. May 21, 1906. Collected by Edgar A. Mearns. Original number 14169.

Family VIREONIDAE: Vireos

Genus VIREOVieillot

Vireo atricapilla Woodhouse

Proc. Acad. Nat. Sci. Philadelphia 6 (2) : 60 (not earlier than Apr. 27), 1852.

15040. Adult male. "On the Rio San Pedro, two hundred and eight miles from San Antonio, on the road leading from that place to El Paso del Norte" ("within about ten miles of its source," *fide* Woodhouse, *in* Sitgreaves, Report of an expedition down the Zuni and Colorado Rivers, p. 76, 1854)=Devils River, near Sonora, Sutton County, Texas. May 26, 1851. Collected by Samuel W. Woodhouse.

Vireo bairdi Ridgway

Proc. Biol. Soc. Washington 3: 22 [p. 2 of extra], Feb. 26, 1885.

102635. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. Jan. 25, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Vireo noveboracensis maynardi Brewster

Auk 4 (2) : 148, April 1887.

=*Vireo griseus maynardi* Brewster. See Hellmayr, Catalogue of Birds of the Americas 8: 113, 1935.

108860. Adult male. Key West, Monroe County, Florida. Mar. 29, 1886. Collected by W—? Received from the U.S. Fish Commission.

108862. Adult female. Key West, Monroe County, Florida. Mar. 29, 1886. Collected by W—? Received from the U.S. Fish Commission.

Vireo noveboracensis micrus Nelson

Auk 16 (1) : 30, January 1899.

=*Vireo griseus micrus* Nelson. See Hellmayr, Catalogue of birds of the Americas 8: 114, 1935.

158930. Adult male. Ciudad Victoria, State of Tamaulipas, México. May 23, 1898. Collected by Edward W. Nelson and Edward A. Goldman. Original number 5398. Received from the U.S. Fish and Wildlife Service.

Vireo perquisitor Nelson

Auk 17 (3) : 267, July 1900.

=*Vireo griseus perquisitor* Nelson. See Hellmayr, Catalogue of birds of the Americas 8 : 114, 1935.

164084. Adult male. Papantla, State of Veracruz, México. Mar. 12, 1898. Collected by Edward A. Goldman. Original number 5168. Received from the U.S. Fish and Wildlife Service.

Lanivireo crassirostris H. Bryant

Proc. Boston Soc. Nat. Hist. 7: 112 (not earlier than September), 1859.

=*Vireo crassirostris crassirostris* (Bryant). See Bond, Check-list of birds of the West Indies, ed. 3, p. 125, 1950.

13508. Adult (sex not indicated). Nassau, New Providence Island, Bahama Islands. April (not May) 1859. Collected by Henry Bryant.

Bryant had three cotypes, two males and one female, of which a male was taken in March, and "a pair" in "May." Two males now in the Museum of Comparative Zoology (where they are Nos. 46779 and 46780) were respectively collected on April 10 and March 20. Our specimen, labeled as having been shot in April 1859, must then be the female, with Bryant's description of which it agrees.

V[ireo]. crassirostris flavescens Ridgway

Manual of North American Birds, p. 476, September 1887.

=*Vireo crassirostris crassirostris* (Bryant). See Todd, Ann. Carnegie Mus. 7: 428–430, 1911.

107777. Adult male. Conception Island, Bahama Islands. Mar. 8, 1886. Collected by W—? Received from the U.S. Fish Commission.

107779. Adult male. Conception Island, Bahama Islands. Mar. 8, 1886. Collected by James E. Benedict. Received from the U.S. Fish Commission.

107780. Adult male. Conception Island, Bahama Islands. Mar. 8, 1886. Collected by W—? Received from the U.S. Fish Commission.

Ridgway based this name upon a long series of cotypes, from Conception Island, Cat Island, Green Cay, Rum Cay, and Eleuthera Island, but in a footnote inferentially restricted the type localities to Rum Cay and Conception Island. Even if specimens from these islands alone were to be listed here, we should have to deal with not less than 15 cotypes. Finally, however, Ridgway (Birds of North and Middle America 3: 192, 1904) further restricted the type locality to Conception Island, and at that time set aside No. 107780 as a lectotype. In accordance with procedure followed in other similar cases, I give here all the topotypical cotypes from the restricted locality. In addition to the three in Washington, there is a female (formerly No. 107778), with similar data, sent to the American Museum of Natural History, New York, on Dec. 3, 1890.

Vireo crassirostris tortugæ Richmond
Smithsonian Misc. Coll. 68 (7): 2, July 12, 1917.
=*Vireo crassirostris tortugae* Richmond. See Bond, Checklist of birds of the West Indies, ed. 3, p. 125, 1950.
250495. Adult male. Tortuga (Tortue) Island, Caribbean Sea off the northern coast of the northwestern peninsula of Hispaniola. Jan. 31, 1917. Collected by William L. Abbott.

Vireo approximans Ridgway
Proc. U.S. Nat. Mus. 7: 179, Sept. 1, 1884.
=*Vireo crassirostris approximans* Ridgway. See Bond, Checklist of birds of the West Indies, ed. 3, p. 125, 1950.
97847. Adult male. Old Providence Island, Caribbean Sea off Nicaragua. Apr. 4–9, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

The color characters relied upon by Ridgway for separation of this form have resulted from the fact that the type was originally preserved in alcohol.

Vireo pallens Salvin
Proc. Zool. Soc. London, for 1863 (2): 188, August 1863.
=*Vireo pallens pallens* Salvin. See Moore, Proc. Biol. Soc. Washington 51: 69, 1938.
33601. Adult (sex not indicated). El Realejo=Chichigalpa (between León and Chinandega), Department of Chinandega, Nicaragua. Collected by Osbert Salvin and John M. Dow. Original number 4682. Received from Osbert Salvin.

A second cotype, from Puntarenas, in Costa Rica, is presumably now in the collection of the British Museum (Natural History).

Empidonax nanus Lawrence
Ibis (3) 5: 386, July 1875.
=*Vireo nanus* (Lawrence). See Bond, Checklist of birds of the West Indies, ed. 3, p. 126, footnote 144, 1950.
95541. Adult (sex not indicated). "Santo Domingo"=Dominican Republic, Hispaniola. Entered into the museum register on Feb. 27, 1884. Collected by William M. Gabb.

Vireo Huttoni Cassin
Proc. Acad. Nat. Sci. Philadelphia 5 (7): 150, pl. 10, fig. 1, (not earlier than Feb. 25) 1851.
=*Vireo huttoni huttoni* Cassin. See Grinnell, Univ. California Publ. Zool. 38: 298, 1932.
3724. Adult (sex not indicated). Monterey, Monterey County, California. "June 24," 1847. Collected by William Hutton.
3725. Adult (sex not indicated). Monterey, Monterey County, California. "June"=probably September (*fide* Grinnell, *loc. cit.*) 1847. Collected by William Hutton.

A third cotype, taken by John G. Bell at Georgetown, Eldorado County, California, is to be found neither in Washington nor in the collection of the Academy of Natural Sciences of Philadelphia.

Vireo huttoni mexicanus Ridgway

Proc. Biol. Soc. Washington 16: 107, Sept. 30, 1903.

143442. Adult male. Mount Orizaba, State of Puebla, México. Apr. 26, 1893. Collected by Edward W. Nelson. Original number 1103. Received from the U.S. Fish and Wildlife Service.

Vireo carmioli Baird

Review of American birds 1: 352 (in key), 356, May 1866.

35236. Adult female. Santa María de Dota, Province of San José, Costa Rica. July 27, 1864. Collected by Julián Carmiol.

35237. Subadult male. Santa María de Dota, Province of San José, Costa Rica. July 27, 1864. Collected by Julián Carmiol.

Vireo superciliaris "(Ridgway MS)." Cherrie

Proc. U.S. Nat. Mus. 14: 340, Sept. 4, 1891.

=*Vireo carmioli* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 121, 122, 1935.

91825. Adult (sex not indicated). Birrís ("the region of a small river of the same name which flows through a very deep gorge into the Rio Reventazón between Paraiso and Juan Viñas," *fide* Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Cartago (not "southwest coast region"), Costa Rica. 1882. Collected by Juan J. Cooper. Received from José C. Zeledón.

Vireo hypochryseus sordidus Nelson

Proc. Biol. Soc. Washington 12: 10, Jan. 27, 1898.

156898. Adult male. María Madre Island, Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. May 13, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4381. Received from the U.S. Fish and Wildlife Service.

Vireo vicinior Coues

Proc. Acad. Nat. Sci. Philadelphia 18: 75 (not earlier than Mar. 27), 1866.

40697. Adult male. Fort Whipple, Yavapai County, Arizona. May 24, 1865. Collected by Elliott Coues. Original number 1507.

Vireo nanus Nelson

Proc. Biol. Soc. Washington 12: 59, Mar. 24, 1898.

Vireo nelsoni Bond

Proc. Acad. Nat. Sci. Philadelphia 86: 402, Sept. 20, 1934; Auk 53 (4): 458, Oct. 8, 1936.

=*Vireo nelsoni* Bond. See Bond, Auk 53: 458, 1936.

144890. Adult male. Queréndaro, State of Michoacán, México. Aug. 9, 1892. Collected by Edward W. Nelson. Original number 313. Received from the U.S. Fish and Wildlife Service.

Vireo nelsoni Bond is a new name, based upon the same type specimen, for *V. nanus* Nelson, preoccupied when *Empidonax* ("*Lawrencia*") *nanus* Lawrence, 1875, is placed in the genus *Vireo.* Bond's name, at its first appearance, in the Proc. Acad. Nat. Sci. Philadelphia, was, in the absence of a definite bibliographic reference, invalid under Article 25 of the International Rules of Zoological Nomenclature.

Vireo Bellii Audubon

Birds of America 7: 333, pl. 485, 1844.

=*Vireo bellii bellii* Audubon. See Hellmayr, Catalogue of birds of the Americas 8: 123, 1935.

1926. Adult (sex not indicated). "A short distance below the Black Snake Hills"=Saint Joseph, Buchanan County, Missouri (see Cooke, Auk 27: 342, 1910). May 6, 1843 (see Cooke, *loc. cit.*). Collected by John G. Bell. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Cooke, in discussing this skin, observes that "the label on the type specimen was evidently not written by Audubon himself and whoever wrote it had doubts as to the correctness of the locality." The data on the oldest label were, in fact, written by Spencer F. Baird.

A putative cotype is preserved in the collection of the Academy of Natural Sciences of Philadelphia, where it is No. 23880; it is a female, received from Edward Harris.

Vireo bellii medius Oberholser

Proc. Biol. Soc. Washington 16: 17, Feb. 21, 1903.

168275. Adult male. "Boquillas"=mouth of Tornillo Creek (*fide* a verbal statement of the collector), Brewster County, Texas. May 24, 1901. Collected by Harry C. Oberholser. Original number 253. Received from the U.S. Fish and Wildlife Service.

Vireo bellii arizonæ Ridgway

Proc. Biol. Soc. Washington 16: 107, Sept. 30, 1903.

=*Vireo bellii arizonae* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 124, 1935.

98790. Adult male. Tucson, Pima County, Arizona. Mar. 21, 1884. Collected by Edward W. Nelson.

Vireo pusillus Coues

Proc. Acad. Nat. Sci. Philadelphia 18: 76, (not earlier than Mar. 27) 1866.

=*Vireo bellii pusillus* Coues. See Hellmayr, Catalogue of birds of the Americas 8: 125, 1935.

16956 (not 16954). Adult male. Cape San Lucas, State of Baja California, México. Aug. 16, 1859. Collected by John Xántus. Original number 1942.

Laletes osburni P. L. Sclater

Proc. Zool. Soc. London, for 1861 (1): 72, pl. 14, fig. 2, May 1861.

=*Vireo osburni* (Sclater). See Bond, Checklist of birds of the West Indies, ed. 3, p. 126, 1950.

23326. Adult male. Freeman's Hall, Trelawney Parish, Cornwall County, Jamaica. Jan. 31, 1859. Collected by W— Osburn. Original number 87. Received from Philip L. Sclater.

This is one of four equivalent cotypes, of which the remaining three are now probably in the collection of the British Museum (Natural History) in London.

Vireosylvia propinqua Baird

Review of American birds 1: 345 (in key), 348, May 1866.

=*Vireo flavifrons* Vieillot × *Vireo solitarius solitarius* (Wilson)? See Hellmayr, Catalogue of birds of the Americas 8: 127 (footnote 1), 1935.

20402. Adult (sex not indicated). Cobán, Department of Alta Vera Paz, Guatemala. November 1859. Collected by Osbert Salvin. Original number 954. Received from Osbert Salvin.

Vireo cassinii Xántus

Proc. Acad. Nat. Sci. Philadelphia 10: 117 (not earlier than May 25), 1858.

=*Vireo solitarius cassinii* Xántus. See Grinnell, Univ. California Publ. Zool. 38: 299, 1932.

12403=10229 reentered. Adult (sex not indicated). Vicinity of Fort Tejon, Kern County, California. Aug. 13–15, 1857. Collected by John Xántus. Original number 479.

A MS. note of Richmond's reads as follows: "The type appears to have been catalogued as 10229, to give Baird a number for his convenience. This appears as the type in his 1858 work (p. 341), & in the Review of Amer. Birds (p. 348), but no specimen '12403' is cited in either place. In 1858, Baird gave '479' as the orig. no. of '10229', & in the catal. entry of 12403 (made by him) no. '479' also appears as the collector's number. Nos. 10229 and 12403 are therefore two entries for the *same bird*!"

Grinnell (*loc. cit.*), who personally examined the type specimen, has erred in his interpretation of some of the data on the oldest label. His "orig. no. [as written on original Xántus label], 2403" is in fact the museum register number 12403 (with the first digit all but obliterated by the hole clipped for threading the label), and is in Baird's handwriting. The number 479 is Xántus's original number, written by himself.

Vireo plumbeus Coues

Proc. Acad. Nat. Sci. Philadelphia 18: 74 (not earlier than Mar. 27), 1866.

=*Vireo solitarius plumbeus* Coues. See Hellmayr, Catalogue of birds of the Americas 8: 128, 1935.

40703. Adult male. Fort Whipple, Yavapai County, Arizona. May 17, 1865. Collected by Elliott Coues. Original number 1487.

Vireosylvia cinerea Ridgway

Proc. Biol. Soc. Washington 3: 22 [p. 2 in extra], Feb. 26, 1885.

=*Vireo magister magister* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 8: 145, 1935.

102656 (not 105656). Adult (sex not indicated). Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. Jan. 29, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Vireosylvia magister "Baird" Lawrence

Ann. Lyc. Nat. Hist. New York 10 (1–3): 20, "Feb.–Mar." 1871.

=*Vireo magister magister* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 8: 145, 1935.

90148. Adult male. Belize District, British Honduras. 1865–1866? (entered into the museum register on June 15, 1883). Collected by Christopher D. Wood. Original number 38. Received from Carl H. Berendt (*not* Henry Bryant).

Vireosylvia calidris var. dominicana Lawrence

Proc. U.S. Nat. Mus. 1: 55, Sept. 12, 1878.

=*Vireo altiloquus barbadensis* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 8: 148, 1935.

77815. Adult female. Dominica Island, Leeward Islands, Caribbean Sea. 1877. Collected by Frederick A. Ober. Original number 245.

77816. Adult male. Dominica Island, Leeward Islands, Caribbean Sea. 1877. Collected by Frederick A. Ober. Original number 149.

Lawrence wrote the word "Type" on the label of each of these specimens, but in fact gave a description only of the male, adding "The female differs in no respects from the male." In the circumstances, No. 77815 should perhaps be considered merely a paratype.

[Vireosylvia calidris] var. barbadense [*sic*] Ridgway

in Baird, Brewer, and Ridgway, History of North American birds 1: 359 (in key), January 1874.

=*Vireo altiloquus barbadensis* (Ridgway). See Bond, Check-list of birds of the West Indies, ed. 3, p. 128, 1950.

57448. Adult (sex not indicated). Barbados Island, Windward Islands, Caribbean Sea. Entered into the museum register on June 27, 1869. Collected by A. Wildeboer.

No. 57448 was the only specimen of this vireo from Barbados in the museum collection in 1874, and therefore the only possible type.

Vireosylvia grandior Ridgway

Proc. U.S. Nat. Mus. 7: 178, Sept. 1, 1884.

=*Vireo altiloquus grandior* (Ridgway). See Bond, Check-list of birds of the West Indies, ed. 3, p. 128, 1950.

97846. Adult male. Old Providence Island, Caribbean Sea off Nicaragua. Apr. 4–9, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

Vireo swainsonii Baird

in Baird, Cassin, and Lawrence Rep. Expl. and Surv. R.R. Pac. 9: xxxv (in list), 336, 1858.

=*Vireo gilvus swainsonii* Baird. See Grinnell, Univ. California Publ. Zool. 38: 299, 1932.

5521. Adult male. Petaluma, Sonoma County, California. May 1856. Collected by Emanuel Samuels. Original number 742 (not 747).

5915. Adult (sex not indicated). Steilacoom, Pierce County, Washington. June 1855. Collected by James G. Cooper. Pacific Railroad Survey, Line of the 47th Parallel.

Baird observed that "all from the Pacific coast (five)" agreed in having the characters ascribed by him to *V. swainsonii*, but only four from the Pacific Coast appear in his list of specimens. Of these, two, Nos. 6824 and 6826 from Steilacoom, have long since vanished from the collection without trace. Of the two extant, No. 5521 is in better condition than No. 5915; apparently to this accident, rather than to any geographical or zoological consideration, we owe the fact that No. 5521 has been considered the type, and Petaluma has become the restricted type locality.

Vireo amauronotus Salvin and Godman

Biologia Centrali-Americana, Aves 1: xvi (in list), 193, December 1881.

=*Vireo gilvus amauronotus* Salvin and Godman. See Hellmayr, Catalogue of birds of the Americas 8: 152 (footnotes 3, 4), 1935; Van Rossem, Trans. San Diego Soc. Nat. Hist. 9: 77–78, 1940.

54262. Adult (sex not indicated). Orizaba, State of Veracruz, México. Entered into the museum register on Mar. 18, 1869. Collected by A. L. François Sumichrast.

Vireo amauronotus strenuus Nelson

Auk 17 (3): 268, July 1900.

=*Vireo gilvus strenuus* Nelson. See Hellmayr, Catalogue of birds of the Americas 8: 152 (footnotes 3, 4), 153, 1935; Van Rossem, Trans. San Diego Soc. Nat. Hist. 9: 77–78, 1940.

143399. Adult female. Tumbalá, State of Chiapas, México. Nov. 5, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3248. Received from the U.S. Fish and Wildlife Service.

Vireosylva josephæ costaricensis Ridgway

Proc. Biol. Soc. Washington 16: 107, Sept. 30, 1903.

=*Vireo gilvus chiriquensis* (Bangs). See Hellmayr, Catalogue of birds of the Americas 8: 152 (footnotes 3, 4), 153, 1935; Van Rossem, Trans. San. Diego Soc. Nat. Hist. 9: 77–78, 1940.

41269. Adult male. Barranca (not San José), "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcan de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. Sept. 30, 1865. Collected by Julián Carmiol. Original number 17.

About 1870, this specimen entered the collection of Robert Ridgway, by "exchange," and became his No. 1283. At the same time, its original label was removed and presumably destroyed, to be replaced by a private label. Ridgway's own register gives the locality, correctly, as Barranca, but on his *label* it inexplicably appears as "San José," and this erroneous provenience was copied into the original description of *costaricensis* !

Genus HYLOPHILUS Temminck

Hylophilus aurantiifrons helvinus Wetmore and W. H. Phelps, Jr.
Proc. Biol. Soc. Washington 69 (1) : 8, May 21, 1956.

———. Adult male. Campamento Petrolero (elev. 350 meters), near Burgua, State of Táchira, Venezuela. Nov. 5, 1952. Collected by Ramón Urbano. Deposited by William H. Phelps, Sr., in whose private collection it is No. 58965.

Hylophilus flavipes xuthus Wetmore
Smithsonian Misc. Coll. 134 (9) : 85, July 8, 1957.

461170. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Jan. 11, 1956. Collected by Alexander Wetmore. Original number 20155.

Hylophilus flavipes melleus Wetmore
Proc. Biol. Soc. Washington 54 (46) : 208, Dec. 8, 1941.

369860. Adult male. Serranía de Macuire (at elev. 1,000 feet), near Nazaret, Commisary of La Guajira, Colombia. May 7, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11823.

Hylophilus flavipes galbanus Wetmore and W. H. Phelps, Jr.
Proc. Biol. Soc. Washington 69 (1) : 9, May 21, 1956.

———. Adult male. Bramón (elev. 1,200 meters), State of Táchira, Venezuela. Mar. 8, 1941. Collected by Ramón Urbano. Deposited by William H. Phelps, Sr., in whose private collection it is No. 11458.

Hylophilus griseiceps Richmond
in Robinson, Proc. U.S. Nat. Mus. 18: 678, Aug. 12, 1896.

=*Hylophilus flavipes acuticaudus* Lawrence. See Hellmayr, Catalogue of birds of the Americas 8: 175, 176, 1935.

151741. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 3, 1895. Collected by Wirt Robinson. Original number 401.

Hylophilus ochraceiceps P. L. Sclater

Proc. Zool. Soc. London 27 (3): 375, February 1860.

=*Hylophilus ochraceiceps ochraceiceps* Sclater. See Hellmayr, Catalogue of birds of the Americas 8: 177, 1935.

22375. Adult female. México. Entered into the museum register on Oct. 26, 1861. Received from the Maison Verreaux, Paris.

Sclater had "two examples, obtained at Playa Vicente [State of Oaxaca] in April 1859, of different sexes . . . coloured alike." Since his description fitted both, each specimen must be considered a cotype. The male was retained by Sclater, and eventually entered the collection of the British Museum (Natural History); our No. 22375, labeled as "type," is very probably the female cotype.

Pachysylvia ochraceiceps pallidipectus Ridgway

Proc. Biol. Soc. Washington 16: 108, Sept. 30, 1903.

=*Hylophilus ochraceiceps ochraceiceps* Sclater. See Hellmayr, Catalogue of birds of the Americas 8: 177, 178, 1935.

47396. Adult male. Angostura, Province of Cartago, Costa Rica. Jan. (not July) 8, 1867. Collected by Julián Carmiol.

This is another specimen that entered Ridgway's private museum, was deprived of its original label, and acquired (on Ridgway's private label) an erroneous collection date, which was later to be copied into the description of *pallidipectus!*

Pachysylvia ochraceiceps brevipennis Nelson

Smithsonian Misc. Coll. 56 (22): 1, Sept. 7, 1911.

Pachysylvia ochraceiceps nelsoni Todd

Proc. Biol. Soc. Washington 42: 195, July 16, 1929.

=*Hylophilus ochraceiceps nelsoni* (Todd). See Hellmayr, Catalogue of birds of the Americas 8: 178, 1935.

229476. Adult male. Lion Hill, Panamá Canal Zone. May 1, 1911. Collected by Edward A. Goldman. Original number 14686. Received from the U.S. Fish and Wildlife Service.

Todd's *Pachysylvia ochraceiceps nelsoni* is a new name for Nelson's *brevipennis*, preccupied by *Helinai brevipennis* Giraud, 1851=*Hylophilus decurtatus decurtatus* (Bonaparte), and is based upon the same type specimen.

Family DREPANIIDAE: Hawaiian Honey-creepers

Genus LOXOPS Cabanis

Himatione parva Stejneger

Proc. U.S. Nat. Mus. 10: 94, May 17, 1887.

=*Loxops parva* (Stejneger). See Amadon, Bull. Amer. Mus. Nat. Hist. 95: 165, 1950.

110051. Adult (sex not indicated). Kauai Island, Hawaiian Islands, Oceania. Entered into the museum register on Dec. 24, 1886. Collected by Valdemar Knudsen.

Oreomyza bairdi Stejneger

Proc. U.S. Nat. Mus. 10: 99, July 2, 1887.

=*Loxops maculata bairdi* (Stejneger). See Amadon, Bull. Amer. Mus. Nat. Hist. 95: 166, 1950.

110049. Adult (sex not indicated). Kauai Island, Hawaiian Islands, Oceania. Entered into the museum register on Dec. 24, 1886. Collected by Valdemar Knudsen.

Oreomyza wilsoni Stejneger

Proc. U.S. Nat. Mus. 12: 386, Mar. 8, 1890.

=*Loxops maculata bairdi* (Stejneger). See Wilson and Evans, Aves Hawaiienses, [p. 37, pl. 19,] 1891; Amadon, Bull. Amer. Mus. Nat. Hist. 95: 166, 1950.

116794. Adult (sex not indicated). Kauai Island, Hawaiian Islands, Oceania. Entered into the museum register on July 22, 1889. Collected by Valdemar Knudsen.

It should be noted that *Loxops virens wilsoni* (Rothschild), 1893 is antedated by *Loxops wilsoni* (Stejneger), 1890; the former must be called either *Loxops virens kalaana* (Wilson and Evans), 1896 or *L. v. chloridoides* (Wilson and Evans), 1896.

Family COEREBIDAE: Honey-creepers

Genus DIGLOSSA Wagler

Diglossa mystacalis albilinea Chapman

Bull. Amer. Mus. Nat. Hist. 41 (5) : 331, Sept. 1, 1919.

=*Diglossa lafresnayii albilinea* Chapman. See Hellmayr, Catalogue of birds of the Americas 8: 227, 288, 1935.

273005. Adult male. Cedrobamba (elev. 12,000 feet), near Machu Picchu, Department of Cuzco, Perú. May 26, 1915. Collected by Edmund Heller. Original number 120. Yale University-National Geographic Society Peruvian Expedition (1914–1915).

Genus IRIDOPHANES Ridgway

Dacnis pulcherrima, β. aureinucha Ridgway

Proc. U.S. Nat. Mus. 1: 484, May? 1879.

=*Iridophanes pulcherrima aureinucha* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 8: 251, 1935.

81801. Adult male. Ecuador. 1878? Collected by Bernardo Thiel. Received from Robert Ridgway, who acquired it from José C. Zeledón.

Genus CYANERPES Oberholser

Cyanerpes cyaneus gemmeus Wetmore

Proc. Biol. Soc. Washington 54: 209, Dec. 8, 1941.

369976. Adult male. Serranía de Macuire (at elev. 600 feet), near Nazaret, Commissary of La Guajira, Colombia. May 7, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11844 (not 11814).

Genus COEREBA Vieillot

Certhiola Bairdii Cabanis

Journ. für Orn. 13: 412 (not earlier than November) 1865 [=1866?].

=*Coereba flaveola bahamensis* (Reichenbach). See Hellmayr, Catalogue of birds of the Americas 8: 311, 312, 1935.

10367. Adult male. Indian Key, Monroe County, Florida. Jan. 31, 1858. Collected by Gustavus Würdemann.

Certhiola tricolor Ridgway

Proc. U.S. Nat. Mus. 7: 178, Sept. 1, 1884.

=*Coereba flaveola tricolor* (Ridgway). See Bond, Checklist of birds of the West Indies, ed. 3, p. 131, 1950.

97844. Adult male. Old Providence Island, Caribbean Sea off Nicaragua. Apr. 4–9, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

97845. Immature male. Old Providence Island, Caribbean Sea off Nicaragua. Apr. 4–9, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

Coereba bananivora nectarea Wetmore

Proc. Biol. Soc. Washington 42: 118, Mar. 25, 1929.

=*Coereba flaveola nectarea* Wetmore. See Bond, Checklist of birds of the West Indies, ed. 3, p. 131, 1950.

250608. Adult male. Tortuga (Tortue) Island, Caribbean Sea off the northern coast of the northwestern peninsula of Hispaniola. Feb. 1, 1917. Collected by William L. Abbott.

Certhiola flaveola. Var. **portoricensis** H. Bryant

Proc. Boston Soc. Nat. Hist. 10: 252 (not earlier than April) 1866.

=*Coereba flaveola portoricensis* (Bryant). See Bond, Checklist of birds of the West Indies, ed. 3, p. 130, 1950.

36489. Adult (sex not indicated). Puerto Rico. Winter, 1864–1865. Collected by Robert Swift.

36491. Adult (sex not indicated). Same data as No. 36489.

39561. Adult (sex not indicated). "N. Side," Puerto Rico. Entered into the museum register on November 10, 1865. Collected by George Latimer.

Bryant stated that he had "several specimens," and these three were probably among them. Other potential cotypes were Nos. 36490, 39560, 39562, 39563, and 39564. Nos. 36490 and 39563 were sent, in December 1885, to Francisco Ferrari-Pérez; the rest have vanished without trace.

C[erthiola]. sancti-thomæ Ridgway

Proc. U.S. Nat. Mus. 8: 28, May 6, 1885.

=*Coereba flaveola sancti-thomae* (Sundevall). See Hellmayr, Catalogue of birds of the Americas 8: 308, 1935.

81035. Adult male. Saint John Island, Leeward Islands, Caribbean Sea. 1880. Collected by Frederick A. Ober. Original number 66.

81036. Adult female. Saint John Island, Leeward Islands, Caribbean Sea. 1880. Collected by Frederick A. Ober. Original number 63.

97852. Adult (sex not indicated). Saint Thomas Island, Leeward Islands, Caribbean Sea. January 17–24, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

97853. Adult (sex not indicated). Same data as No. 97852.

97854. Adult (sex not indicated). Same data as No. 97852.

No. 97853 was made a lectotype by Ridgway long after the date of publication of his *sancti-thomae*, and accordingly has no greater claim to typeship than the four others here listed. It is possible that Nos. 36598 and 39692, taken on Saint Thomas by Robert Swift, were also in the original series, but since their labels do not bear the words "*sancti-thomae*" in Ridgway's hand, I refrain from including them among the cotypes.

[Certhiola] frontalis Baird

in Ridgway, American Naturalist 7(10) : 612 [p. 11 in reprint], October 1873.

=*Coereba flaveola bartholemica* (Sparrman). See Hellmayr, Catalogue of birds of the Americas 8: 306, 307, 1935.

37298. Adult (sex not indicated). Antigua Island, Leeward Islands, Caribbean Sea. Entered into the museum register on Apr. 3, 1865. Collected by M. Galody.

Baird had a series of three specimens with identical data, but the label of No. 37298 alone bears the word "Type" in his handwriting.

Certhiola sundevalli Ridgway

Proc. U.S. Nat. Mus. 8: 26, May 6, 1885.

=*Coereba flaveola bartholemica* (Sparrman). See Hellmayr, Catalogue of birds of the Americas 8: 306, 307, 1935.

79953. Adult (sex not indicated). Pointe-à-Pitre, Guadeloupe Island, Leeward Islands, Caribbean Sea. Entered into the museum register on May 3, 1880. Collected by Louis? Guesde.

Certhiola finschi Ridgway

Proc. U.S. Nat. Mus. 8: 25, May 6, 1885.

=*Coereba flaveola martinicana* (Reichenbach). See Hellmayr, Catalogue of birds of the Americas 8: 305, 306, 1935.

90610. Adult male. "Dominica"=Martinique Island or Saint Lucia Island, Windward Islands, Caribbean Sea. 1883. Received from C. J. Maynard & Co., Boston.

Certhiola atrata Lawrence

Ann. New York Acad. Sci. 1 (5–6) : 149 [p. 150 in separate], June 1878.

=*Coereba flaveola atrata* (Lawrence). See Bond, Checklist of birds of the West Indies, ed. 3, p. 129, 1950.

74095. Adult male. Foot of La Soufrière, Saint Vincent Island, Windward Islands, Caribbean Sea. Oct. 30, 1877. Collected by Frederick A. Ober. Original number 419.

74094. Adult female. Foot of La Soufrière, Saint Vincent Island, Windward Islands, Caribbean Sea. Oct. 30, 1877. Collected by Frederick A. Ober. Original number 417.

Lawrence had four specimens, two of each sex, but only these two are now in the collection; on the label of each one appears the word "Type," in Lawrence's hand.

Certhiola saccharina Lawrence

Ann. New York Acad. Sci. 1 (5–6): 150 [p. 151 in separate], June 1878.

=*Coereba flaveola atrata* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 8: 303, 304, 1935.

74092. Adult female? Saint Vincent Island, Windward Islands, Caribbean Sea. February 1878. Collected by Frederick A. Ober. Original number 483.

Lawrence had two cotypes, of which one, No. 74093, was a male with "the plumage greatly soiled." This specimen cannot now be found in the collection.

[Certhiola] barbadensis Baird

in Ridgway, American Naturalist 7 (10): 612 [p. 11 in reprint] October 1873.

=*Coereba flaveola barbadensis* (Baird). See Bond, Checklist of birds of the West Indies, ed. 3, p. 129, 1950.

57437. Adult? (sex not indicated). Barbados Island, Windward Islands, Caribbean Sea. Entered into the museum register on June 27, 1869. Collected by A. Wildeboer.

57438. Immature (sex not indicated). Same data as No. 57437.

57439. Adult (sex not indicated). Same data as No. 57437.

57440. Adult (sex not indicated). Same data as No. 57437.

The late Charles W. Richmond set aside No. 57439 as a lectotype, with a MS. note that reads as follows: "Baird usually wrote 'type' on the label, but orig.? label not on this bird. Exam. also nos. 57437–8 & 57440." Richmond went on to examine the three others, writing on each label: "one of the original skins." Not finding the word "type" on any one of these, he must have assumed that it had appeared on the lost label of No. 57439, which accordingly became his lectotype.

It should be supposed, however, that Baird had not written "type" on the label of No. 57439, since this is just the one of the four that entered Ridgway's private collection by exchange. The lack of an original label is due to this fact; the oldest label now attached to No. 57439 is Ridgway's own.

In the circumstances, all four are here listed as equivalent cotypes.

The new names in *Certhiola* published in the "American Naturalist" (7: 611–613, October 1873) and commonly accredited to Ridgway are, in fact, Baird's.

Genus ATELEODACNIS Cassin

Ateleodacnis margaritæ Holt

Auk 48 (4): 570, Oct. 18, 1931.

=*Ateleodacnis margaritae* Holt. See Friedmann, Proc. U.S. Nat. Mus. 97: 541, 1948.

326560. Adult male. Ceo do Arary (north bank of the Rio Amazonas, above Parintins), State of Amazonas, Brazil. September 20, 1930. Collected by Ernest G. Holt, Robert E. R. Blake, and Charles T. Agostini. Original number 3703. National Geographic Society Brazil-Venezuela Expedition.

Genus OREOMANES Sclater

Oreomanes binghami Chapman

Bull. Amer. Mus. Nat. Hist. 41 (5): 331, Sept. 1, 1919.

=*Oreomanes fraseri* Sclater. See Hellmayr, Catalogue of birds of the Americas 8: 330, 1935.

273004. Immature (not adult) female. Cedrobamba (elev. 12,000 feet), near Machu Picchu, Department of Cuzco, Perú. June 13, 1915. Collected by Edmund Heller. Original number 174. Yale University-National Geographic Society Peruvian Expedition (1914–1915).

Family PARULIDAE: Wood Warblers

Genus LIMNOTHLYPIS Stone

Limnothlypis swainsonii alta Meanley and Bond

Proc. Biol. Soc. Washington 63: 192, Dec. 29, 1950.

362424. Adult male. Fifteen miles north of Walhalla, Oconee County, South Carolina. June 25, 1940. Collected by Watson M. Perrygo and J. Southgate Y. Hoyt. Original number 4681.

Sylvia swainsonii Audubon

Birds of America (folio) 2 (40): pl. 198, June? 1834.

=*Limnothlypis swainsonii swainsonii* (Audubon), *fide* Deignan (MS.).

2901. Adult (sex not indicated). "Near the banks of the Edisto River" (*fide* Audubon, Ornithological biography 2: 564, 1834), Charleston County, South Carolina. "Spring of 1832" (*fide* Audubon, *ibid.*). Collected by John Bachman. Received from Spencer F. Baird, who acquired it from John J. Audubon?

Baird's label does not show the letter "N" that distinguished his Audubonian specimens, but since No. 2901 came to him with a number of other skins definitely acquired from Audubon, it may be assumed that the letter was omitted by an oversight.

Genus VERMIVORA Swainson

Sylvia Bachmanii Audubon

Birds of America (folio) 2 (37): pl. 185, 1833.

=*Vermivora bachmanii* (Audubon). See Hellmayr, Catalogue of birds of the Americas 8: 338, 1935.

2903. Adult male. Near Charleston, Charleston County, South Carolina. Summer of 1833 (*fide* Audubon, Ornithological biography 2: 483, 1834). Collected by John Bachman. Received from Spencer F. Baird, who acquired it from John J. Audubon.

[Helminthophaga celata] var. lutescens Ridgway

American Journal of Science and Arts (3) 4 (24): 457 (footnote), December 1872.

=*Vermivora celata lutescens* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 8: 341, 1935.

58410. Adult male. Fort Kenai (at the mouth of the Kenai River), Kenai Peninsula, southern Alaska. May 26, 1869. Collected by Ferdinand Bischoff. Collins Overland Telegraph Company Expedition.

58411. Adult male. Fort Kenai, Alaska. May 22, 1869. Collected by Ferdinand Bischoff. Collins Overland Telegraph Company Expedition.

58412. Adult male. Fort Kenai, Alaska. May 26, 1869. Collected by Ferdinand Bischoff. Collins Overland Telegraph Company Expedition.

Ridgway, at the first incomplete description of *lutescens*, referred to no particular skins, but gave the range as "Pacific Coast, from Radiak [*sic*] to Cape San Lucas." In the formal description (Amer. Naturalist 7: 606, October 1873), he described male, female, and young of the year, but again left us in doubt as to the proveniences and even the number of birds in his series. No. 58410 was long afterward set aside, probably by Richmond, as a lectotype, but this action represented in fact merely a restriction of type locality, and I list here accordingly the three out of four cotypes from the restricted type locality still in the museum. No. 58413, a male, seems to have vanished without trace. No. 58412 at some time became part of Ridgway's private collection, suffered the loss of its original label, and carries, in Ridgway's hand, the erroneous date "May 24."

Helminthophila celata sordida C. H. Townsend

Proc. U.S. Nat. Mus. 13: 139, Sept. 9, 1890.

=*Vermivora celata sordida* (Townsend). See Grinnell, Univ. California Publ. Zool. 38: 299, 1932.

117606. Adult male. San Clemente Island, Los Angeles County, California. January 25, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Vermivora celata orestera Oberholser

Auk 22 (3): 243, July 1905.

186782. Adult male. Willis, San Miguel County, New Mexico. July 16, 1903. Collected by Vernon O. Bailey. Original number 1007. Received from the U.S. Fish and Wildlife Service.

[Helminthophaga celata] var. obscura Ridgway

in Baird, Brewer, and Ridgway, History of North American birds 1: 192 (in key), 202, pl. xi, fig. 6, January 1874.

=*Vermivora celata celata* (Say). See Hellmayr, Catalogue of birds of the Americas 8: 340, 1935.

12852. Immature (sex not indicated). Georgia. Entered into the museum register on Oct. 10, 1859. Collected by H. A. Ward. Received from John Akhurst, a dealer in New York.

54882. Immature (sex not indicated). Enterprise, Volusia County, Florida. Feb. 18, 1869. Collected by George A. Boardman.

Ridgway named no specimen as type, but referred to "several in the collection . . . from the South Atlantic States (Florida, Georgia, etc.)." Apparently at an early date, he wrote "Type of var. *obscura*, Ridgway" on the label of each of the two listed above.

[Helminthophaga ruficapilla] var. gutturalis Ridgway

in Baird, Brewer, and Ridgway, History of North American birds 1: 191 (in key), January 1874.

Vermivora ruficapilla ridgwayi Van Rossem

Proc. Biol. Soc. Washington 42: 179, June 25, 1929.

=*Vermivora ruficapilla ridgwayi* Van Rossem. See Hellmayr, Catalogue of birds of the Americas 8: 343, 1935.

10656. Adult male. Fort Tejon, Kern County, California. Entered into the museum register between July 30 and Oct. 25, 1858. Collected by John Xántus.

53354. Adult male. "Secret Valley" ("a small park nestled among high hills, with the East Humboldt Mountains proper on the west, and the equally lofty portion of that range known as the 'Clover Mountains' to the eastward," *fide* Ridgway, *in* King, Report of the geological exploration of the fortieth parallel 4 [3]: 363, 1877), Pershing County, Nevada. Sept. 6, 1868. Collected by Robert Ridgway. Original number 901. U.S. Geological Exploration of the 40th Parallel.

The label of No. 53354 bears, in Ridgway's hand, the words "Type of var. *gutturalis*, Ridgw.," evidently written at an early date. This notation does not appear on the label of No. 10656, which, however, is currently a dismounted bird lacking its original label, and, moreover, has the throat so distended as not to show the essential character of Ridgway's description ("yellow of throat restricted to a medial stripe, leaving its sides ashy").

Vermivora ruficapilla ridgwayi Van Rossem is a new name, based upon the same type specimens, for [*Helminthophaga ruficapilla*] var. *gutturalis* Ridgway, preoccupied within the genus *Vermivora* by *Compsothlypis gutturalis* Cabanis, 1860.

[Helminthophaga ruficapilla] var. ocularis Ridgway

in Baird, Brewer, and Ridgway, History of North American birds 1: 191 (in key), January 1874.

=*Vermivora ruficapilla ruficapilla* (Wilson). See Hellmayr, Catalogue of birds of the Americas 8: 342, 1935.

35030. Adult (sex not indicated). Chicago, Cook County, Illinois. June 1864. Collected by Robert Kennicott. Received from the Chicago Academy of Sciences.

Ridgway based this race upon "Chicago specimens," and wrote "Type of var. *ocularis*, Ridgway" on the label of the sole Chicago-taken skin that seems ever to have been in the Washington collection. One may suppose, however, that he had borrowed material from the Chicago Academy of Sciences, from which this skin had been obtained in 1864, and that our bird was therefore only a cotype; it is doubtful, nevertheless, whether any other of the original series has survived to this day.

Helminthophaga virginiae Baird

in Baird, Cassin, and Lawrence, Birds of North America, atlas, p. xi, pl. 79, fig. 1, 1860.

=*Vermivora virginiae* (Baird). See Hellmayr, Catalogue of birds of the Americas 8: 343, 1935.

10719. Adult male. Cantonment Burgwyn, Taos County, New Mexico. Autumn of 1858. Collected by William W. Anderson.

Helminthophaga luciæ Cooper

Proc. California Acad. Nat. Sci. 2: 120 (not earlier than July 7), 1861.

=*Vermivora luciae* (Cooper). See Hellmayr, Catalogue of birds of the Americas 8: 344, 1935.

31892. Adult male. Fort Mojave, Mohave County, Arizona. Apr. 5, 1861. Collected by James G. Cooper. Original number 179. Received from the Geological Survey of California.

Cooper's name was established upon a series of five males and one female, but only No. 31892 came to Washington. Nothing is known to me of the fate of the remaining cotypes.

Genus PARULA Bonaparte

Compsothlypis americana ramalinæ Ridgway

Birds of North and Middle America 2: 486, Oct. 16, 1902.

=*Parula americana* (Linnaeus). See Parkes, Ann. Carnegie Mus. 33: 165–166, 1954.

152380. Adult male. "Gallaghers," near San Antonio, Bexar County, Texas. June 10, 1890. Collected by Henry P. Attwater. Original number 106.

Ridgway had no less than 26 males and 3 females before him when he named *ramalinae*, and failed to designate any one of them as the type. No. 152380, however, was found by me in the general collection in 1941, carrying only Attwater's original label, upon which Ridgway had written, probably in 1902, "Type of *Compsothlypis americana/ramalinae* Ridgway."

Parula nigrilora Coues

in Sennett, Bull. U.S. Geol. and Geogr. Surv. Terr. 4 (1) : 11, Feb. 5, 1878.

=*Parula pitiayumi nigrilora* (Coues). See Hellmayr, Catalogue of birds of the Americas 8: 349, 1935; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

73698. Adult male. Hidalgo, Hidalgo County, Texas. Apr. 20, 1877. Collected by George B. Sennett. Original number 248.

73699. Adult male. Hidalgo, Hidalgo County, Texas. May 3, 1877. Collected by George B. Sennett. Original number 343.

73700. Adult male. Hidalgo, Hidalgo County, Texas. May 8, 1877. Collected by George B. Sennett. Original number 396.

This race was based upon five adult males, two of which were doubtless returned to Sennett and are presumably now in the American Museum of Natural History.

No. 73698 carries no fewer than four labels, each of which proclaims, in the hand of Coues, Ridgway, or Richmond, that it is the type, while no such notation appears on the labels of the two others. Its having been elevated by Coues above its fellows is probably connected with the fact that No. 73698 alone entered his private collection.

No. 73700 may once have been similarly marked by Coues, but since it became for a time the property of Robert Ridgway, it now bears only Ridgway-written labels.

Parula insularis Lawrence

Ann. Lyc. Nat. Hist. New York 10 (1–3) : 4, February–March 1871.

=*Parula pitiayumi insularis* Lawrence. See Hellmayr, Catalogue of birds of the Americas 8: 350, 1935; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

50796. Adult male. Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. Entered into the museum register on Apr. 24, 1868. Collected by Andrew J. Grayson. Original number 90.

C[ompsothlypis]. graysoni Ridgway

Manual of North American birds, p. 492, September 1887.

=*Parula pitiayumi graysoni* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 8: 350, 351, 1935; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

50799. Adult (sex not indicated). Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. Entered into the museum register on Apr. 24, 1868. Collected by Andrew J. Grayson. Original number 729.

50800. Adult (sex not indicated). Same data as No. 50799.

50802. Adult (sex not indicated). Same data as No. 50799.

50803. Adult (sex not indicated). Same data as No. 50799.

50804. Adult female. Same data as No. 50799.

58247. Adult (sex not indicated). Entered into the museum register in July 1869. Other data same as No. 50799.

Lawrence based his *Parula insularis* upon a composite series from the Tres Marías and Socorro Island, but stated that the type was No. 50796, from the Tres Marías. Ridgway, describing the race of Socorro Island, mentioned that he had the same material as had been examined by Lawrence in 1871, and this, according to Lawrence himself, was a series of eight, all except No. 50804 unsexed. The cotypes of Ridgway's *graysoni* must accordingly be found among these eight.

In addition to the skins listed above, Lawrence had Nos. 50798 and 50801, which have vanished from the collection without trace. If their disappearance took place *prior* to September 1887, they can obviously not be considered part of Ridgway's original series, and therefore do not possess cotypeship.

No. 50803 was at some time made the lectotype by Ridgway himself, probably during the writing of volume 2 of "Birds of North and Middle America" (published in 1902), but it is in fact only one of the cotypes.

The labels of Nos. 50800, 50803, and 50804 carry the word "Type" in pencil, but this is in Lawrence's hand and has to do with the penciled words "insularis, Lawr." on the opposite face. The original label of No. 50799 may *also* have had these words, but the oldest label now attached to the skin is that of Robert Ridgway!

Compsothlypis pitiayumi speciosa Ridgway

Auk 19 (1): 69, January 1902.

=*Parula pitiayumi speciosa* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 8: 351, 352, 1935; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

177411. Adult male. Boquete (elev. 4,800 feet), Department of Chiriquí, Panamá. Mar. 7, 1901. Collected by Wilmot W. Brown, Jr. Received from Outram Bangs, of whose private collection it once formed part.

Parula pitiayumi cirrha Wetmore

Smithsonian Misc. Coll. 134 (9): 88, July 8, 1957.

461218. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Jan. 31, 1956. Collected by Alexander Wetmore. Original number 20542.

Genus PEUCEDRAMUS Henshaw

Sylvia olivacea Giraud

Descriptions of sixteen new species of North American birds, [p. 29,] pl. 7, fig. 2, 1841.

Peucedramus taeniatus giraudi Zimmer

Auk 65 (1): 127, Jan. 19, 1948.

=*Peucedramus taeniatus giraudi* Zimmer. See Zimmer, Auk 65: 126–127, 1948.

47699. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

Peucedramus taeniatus giraudi Zimmer is a new name, based upon the same type specimen, for *Sylvia olivacea* Giraud, preoccupied by *Sylvia olivacea* Vieillot, 1817.

Peucedramus olivaceus aurantiacus Ridgway

Proc. U.S. Nat. Mus. 18: 441, May 21, 1896.

=*Peucedramus taeniatus taeniatus* (Du Bus). See Zimmer, Auk 65: 127, 1948.

30692 (not 30629). Adult male. Chilasco, Department of Baja Verapaz, Guatemala. January 1862. Collected by Osbert Salvin. Original number 253. Received from Osbert Salvin and Frederick DuC. Godman.

Genus DENDROICA G. R. Gray

Dendroica æstiva morcomi Coale

Bull. Ridgway Orn. Club 2: 82, April 1887.

=*Dendroica petechia morcomi* Coale. See Dickey and Van Rossem, The birds of El Salvador, p. 488, 1938; Aldrich, Auk 59: 447–449, 1942.

10975. Adult male. Fort Bridger (Camp Scott), Uinta County, Wyoming (not Utah). May 30, 1858. Collected by Constantin Drexler. Original number 506. South Pass Wagon Road Expedition.

Dendroica dugesi Coale

Bull. Ridgway Orn. Club 2: 83, April 1887.

=*Dendroica petechia dugesi* Coale. See Hellmayr, Catalogue of birds of the Americas 8: 367, 1935; Aldrich, Auk 59: 447–449, 1942.

105468. Adult (sex not indicated). Moro León, State of Guanajuato, México. Entered into the museum register on September 8, 1885. Collected by Alfred Dugès. Received from Alfred Dugès.

Dendroica petechia rufivertex Ridgway

Proc. Biol. Soc. Washington 3: 21 [p. 1, in extra], Feb. 26, 1885.

102508. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 28, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Dendroica gundlachi Baird

Review of American birds 1: 194 (in key), 197, April 1865.

=*Dendroica petechia gundlachi* Baird. See Bond, Checklist of birds of the West Indies, ed. 3, p. 138, 1950.

34502. Adult female. Cuba. April 1864. Collected by Johannes C. Gundlach.

34503. Adult male. Same data as No. 34502.

34504. Subadult male. Cuba. Entered into the museum register on October 14, 1864. Collected by Johannes C. Gundlach.

34505. Immature female. Same data as No. 34504.

A fifth cotype, "a young bird with much worn plumage belonging to Dr. Gundlach's collection, the same as that referred to by Mr. Lawrence," is not in Washington, but may have gone to the American Museum of Natural History as one of the Lawrence Collection.

Dendroica auricapilla "Towns., MS." Ridgway

Proc. U.S. Nat. Mus. 10: 572, Aug. 6, 1888.

=*Dendroica petechia eoa* (Gosse). See Hellmayr, Catalogue of birds of the Americas 8: 368, 1935.

111171. Adult male. Grand Cayman Island, Cayman Islands, Caribbean Sea south of Cuba. May 17, 1887. Collected by Charles H. Townsend. Original number 1900.

[Dendroeca petechia] *e*) **jamaicensis** Sundevall

Öfversigt af Kongl. Vetensk.-Akad. Förhandl. 26 (6) : 608, 1869 or 1870.

=*Dendroica petechia eoa* (Gosse). See Hellmayr, Catalogue of birds of the Americas 8: 368, 1935.

22153. Adult male. Near Spanish Town, Saint Catherine Parish, Middlesex County, Jamaica. Entered into the museum register on May 29, 1861. Collected by William T. March.

24353. Immature male? Near Spanish Town, Jamaica. Aug. 28, 1861. Collected by William T. March. Original number 202.

Sundevall's name was based upon "*Dendroica petechia*" Baird (Review of American birds 1: 194 [in key], 199, 1865), not *Dendroica petechia* (Linnaeus), and its types must therefore be chosen from among Baird's series of eight specimens. No one of these lay before Sundevall, but since he described only the fully adult male and the white-throated immature, all adult females are immediately to be removed from consideration. Of Baird's four males, but two can now be found, and of these only No. 22153 is fully adult. Of his immatures, only No. 24353 is still in Washington; No. 24352 was sent in 1877 to the Mombusho Museum, Tokyo, and has long since disappeared.

Dendroica petechia solaris Wetmore

Smithsonian Misc. Coll. 81 (13) : 1, May 15, 1929.

=*Dendroica petechia albicollis* (Gmelin). See Bond, Checklist of birds of the West Indies, ed. 3, p. 137, 1950.

278738. Adult male. Étroites, Île de la Gonave (in the Gulf of Gonaïves), Republic of Haiti, Hispaniola. Mar. 18, 1920. Collected by William L. Abbott.

Dendrœca petechia, var. **melanoptera** Lawrence

Proc. U.S. Nat. Mus. 1: 453, Apr. 30, 1879.

=*Dendroica petechia melanoptera* Lawrence. See Bond, Checklist of birds of the West Indies, ed. 3, p. 136, 1950.

76406. Adult male. Guadeloupe Island, Leeward Islands, Caribbean Sea. September 1878. Collected by Frederick A. Ober. Original number 830.

76407. Adult female. Guadeloupe Island, Caribbean Sea. September 1878. Collected by Frederick A. Ober. Original number 813.

Lawrence had a series of seven specimens, but these are the two described and marked by him as "Type."

[Dendroeca petechia] c) **barbadensis** Sundevall

Öfversigt af Kongl. Vetensk.-Akad. Förhandl. 26 (6) : 608, 1869 or 1870.

=*Dendroica petechia petechia* (Linnaeus). See Hellmayr, Catalogue of birds of the Americas 8: 376, 377, 1935.

33766. Adult male. Barbados Island, Windward Islands, Caribbean Sea. Entered into the museum register on June 6, 1864. Collected by Theodore N. Gill.

Sundevall's name was based upon a specimen of golden warbler from Barbados described by Baird (Review of American birds 1: 202, 1865), and No. 33766 is the only possible type. It is a decolorized mummy, originally preserved in alcohol.

Dendroica rufopileata Ridgway

Proc. U.S. Nat. Mus. 7: 173, Sept. 1, 1884.

=*Dendroica petechia rufopileata* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 377, 1935.

97930. Adult male. Curaçao Island, Caribbean Sea off the State of Falcón, Venezuela. Feb. 10–18, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

97931. Adult female. Same data as No. 97930.

Dendroica petechia chrysendeta Wetmore

Proc. Biol. Soc. Washington 59: 52, Mar. 11, 1946.

369925. Adult male. Laguna de Tucacas, Puerto López, Commissary of La Guajira, Colombia. Apr. 23, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11561.

Dendroica erihtachorides [*sic*] Baird

Rep. Expl. and Surv. R.R. Pac. 9: 283, 1858.

Dendroica Vieilloti Cassin

Proc. Acad. Nat. Sci. Philadelphia, for 1860, p. 192 (not earlier than May 29), 1860.

[Dendroeca petechia] *i*) **panamensis?** Sundevall

Öfversigt af Kongl. Vetensk.-Akad. Förhandl. 26 (6) : 609, 1869 or 1870.

=*Dendroica petechia erithachorides* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 382, 1935.

10211. Adult (apparently male). Cartagena, Department of Bolívar, Colombia. Entered into the museum register on Apr. 27, 1858. Collected by Arthur C. V. Schott. Original number 6. U.S. Survey of the Río Atrato.

17899. Adult (apparently male). Cartagena, Department of Bolívar, Colombia. Entered into the museum register on July 23, 1860. Collected by Arthur C. V. Schott. Original number 46. U.S. Survey of the Río Atrato.

The name *erithachorides* was not considered new by Baird; he simply applied a name of Feuillée's, cited by Vieillot, to a specimen from Cartagena that seemed to agree with Feuillée's description. Feuillée's name was, however, pre-Linnaean and thus without standing in zoological nomenclature until Baird unwittingly validated it in 1858 for the bird of Colombia. At that date, only two examples of the race had been received at Washington from Schott, and only No. 10211 had "the entire head all round of a brownish orange"; therefore it alone can be considered the type of *erithachorides* Baird.

Feuillée's name was considered valid enough by Cassin, but since the latter felt that it had been misapplied by Baird, he gave the bird of Cartagena the new name *Dendroica Vieilloti.* He also described only the adult male, but by 1860 a second such specimen (No. 17899) had been received from Schott and immediately sent to Cassin in Philadelphia, even before it had been entered into the museum register; Cassin thus had two cotypes when he named *Vieilloti.*

[*Dendroeca petechia*] *i) panamensis?* Sundevall seems to represent a merely capricious renaming of *Dendroica Vieilloti* Cassin, and therefore must be held to have the same two cotypes.

Dendroica Vieillotii, var. **Bryanti** Ridgway

American Naturalist 7 (10) : 606, October 1873.

=*Dendroica petechia bryanti* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 379, 1935.

39254. Adult (apparently male). Celestún, State of Yucatán, México. June 12, 1865. Collected by Arthur C. V. Schott. Original number 474. Comisión Científica de Yucatán.

74626. Adult male. Belize, British Honduras. 1866? Collected by Christopher D. Wood, for Karl H. Berendt. Original number 82. Received from Henry Bryant, in whose private collection it was No. 590.

80084. Adult male. Belize, British Honduras. 1866? Collected (by Christopher D. Wood?) for Karl H. Berendt.

177200. Adult male. Belize, British Honduras. 1866? Collected (by Christopher D. Wood?) for Karl H. Berendt.

This name was based upon a series of males from "Mexico, from Honduras (Dr. Bryant) and Yucatan (Dr. Schott) to Mazatlan (Col. Grayson)," and no specimen was mentioned as the type. Grayson's birds from Sinaloa now belong with the race *castaneiceps* and need no further consideration here.

The possible cotypes of true *bryanti* are Nos. 39254, 39255, 39256, 44826, 74626, 80084, and 177200.

No. 39255, from Sisal, Yucatán, was sent on May 13, 1870, to José Salazar Llarreguí; No. 39256, from Progreso, Yucatán, has vanished without trace. It is possible that both were females, in which case they could not be classed as cotypes.

No. 44826 cannot now be found, but may have been reentered as No. 80084 or No. 177200! Its original number was 82, and this number appears upon the oldest label of No. 74626, but Wood seems to have used a common number for all skins of the same species, and the presence of "82" thus loses some of its importance.

No. 74626 was, at the time of Ridgway's description, the property of Henry Bryant, from whom it was borrowed by Ridgway. It did not become part of our collection until August 1878, in the course of distribution of the Bryant Collection among various institutions.

No. 80084 at some time entered Ridgway's private collection and had its original label replaced by one of Ridgway's own, with only partial data transcribed onto it.

No. 177200 suffered a similar fate at the hands of Henry W. Henshaw (in whose collection it became No. 3149).

[D(endroica). bryanti] β. castaneiceps Ridgway

Proc. U.S. Nat. Mus. 8: 350, Sept. 17, 1885.

=*Dendroica petechia castaneiceps* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 380, 1935.

89940. Adult male. La Paz, State of Baja California, México. December 16, 1882. Collected by Lyman Belding.

S[ylvia]. Auduboni J. K. Townsend

Journ. Acad. Nat. Sci. Philadelphia 7 (2): 191, 1837.

=*Dendroica auduboni auduboni* (Townsend). See Hellmayr, Catalogue of birds of the Americas 8: 390, 1935.

2909. Adult male. "Forests of the Columbia River"=near Fort Vancouver, Clarke County, Washington. May 31, 1835. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Stone (Proc. Acad. Nat. Sci. Philadelphia, for 1899, p. 14, 1899) states that the type of *S[ylvia]. Auduboni* Townsend is No. 23826 in the Academy's collection, but mentions that three of Townsend's specimens are in Washington. Later (Auk 38: 487–488, 1921), Stone vehemently reiterates the Academy's claim to holding the only type. In fact, however, Townsend's name was based upon more than one specimen (both sexes are described!), and there is thus a possibility that one or more skins in Washington may be cotypes.

Each of the Washington birds has a date on its label. Two of them were taken in 1836 and therefore cannot have been transported to Philadelphia by Nuttall, who, *fide* Stone, left Townsend in October 1835. The third, however, was collected on May 31, 1835, and was almost certainly one of the original series and thus a cotype. No. 2909 is, in short, one of the "duplicate specimens," mentioned by Stone, purchased by Audubon after the formal description of Townsend's discoveries.

Dendroica auduboni memorabilis Oberholser

Ohio Journ. Sci. 21 (7): 243, May 1921.

137415. Adult male. Ward, Boulder County, Colorado. June 12, 1893. Collected by John A. Loring. Original number 55. Received from the U.S. Fish and Wildlife Service.

Dendroica goldmani Nelson

Auk 14 (1): 66, January 1897.

=*Dendroica auduboni nigrifrons* Brewster? See Griscom, Bull. Amer. Mus. Nat. Hist. 64: 331, 1932.

143169. Adult male. Hacienda "Chancol," Department of Huehuetenango, Guatemala. Jan. 4, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3341. Received from the U.S. Fish and Wildlife Service.

S[ylvia]. nigrescens J. K. Townsend

Journ. Acad. Nat. Sci. Philadelphia 7 (2): 191, 1837.

=*Dendroica nigrescens* (Townsend). See Hellmayr, Catalogue of birds of the Americas 8: 392, 1935.

1908. Adult male. "Columbia River"=vicinity of Fort William (formerly on Sauvie's Island), Multnomah County, Oregon. June 16, 1835. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

2915. Adult male. "Columbia River"=vicinity of Fort William, Multnomah County, Oregon. May 14, 1835. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Sylvia halseii Giraud

Description of sixteen new species of North American birds, [p. 11,] pl. 3, fig. 1, 1841.

=*Dendroica nigrescens* (Townsend). See Behle, Bull. Univ. Utah 34 (2): 65, 1943.

47697. Immature (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

S[ylvia]. Townsendi "(Nuttall.)" Townsend

Journ. Acad. Nat. Sci. Philadelphia 7 (2): 191, 1837.

=*Dendroica townsendi* (Townsend). See Hellmayr, Catalogue of birds of the Americas 8: 392, 1935.

2918. Adult male. "Shady forests of the Columbia River"=Fort Vancouver, Clarke County, Washington. Oct. 28, 1835. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

The date for this skin is derived from the oldest label, written by Audubon, and if it be correct, one may doubt whether No. 2918 is the type.

According to Stone (Proc. Acad. Nat. Sci. Philadelphia, for 1899, pp. 12, 13, 1899): "Nuttall returned in October, 1835, via Hawaii and California . . . . Townsend . . . apparently sent home by Nuttall all the specimens he had obtained up to the date of his departure, as the collection was in Philadelphia in 1836." But Townsend himself (Narrative of a journey across the Rocky Mountains, p. 233, 1839) has stated that Nuttall left him a few days prior to Oct. 1, 1835. He could not, then, have brought to Philadelphia a bird collected four weeks later.

Audubon, however, was often inexact even as to the dates of his own activities, and Stone may have been mistaken in supposing that all of the birds named by Townsend in 1837 were transported to Philadelphia by Nuttall (as he was mistaken in the date of Nuttall's parting from Townsend). In the circumstances, No. 2918 may continue to hold the role assigned it by museum tradition.

Dendrœca niveiventris Salvin

Proc. Zool. Soc. London, for 1863 (2): 187, pl. 24, fig. 2, August 1863.

=*Dendroica occidentalis* (Townsend). See Hellmayr, Catalogue of birds of the Americas 8: 395, 1935.

30681. Adult male. Volcán de Fuego, Guatemala. December 1861. Collected by Osbert Salvin and Frederick DuC. Godman. Original number 232. Received from Osbert Salvin.

This name was established upon a series of three cotypes from Guatemala, two of which are presumably now in the British Museum (Natural History). The label of our bird was marked, by Salvin, "Type Specimen," but the small amount of nigrescence on its nape shows that it cannot have been the model for the colored plate.

Dendroica Dominica, var. **albilora** "Baird" Ridgway

American Naturalist 7 (10): 606, October 1873.

=*Dendroica dominica albilora* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 399, 1935.

61136. Adult "female" (apparently male). Belize, British Honduras. 1866? Collected by Christopher D. Wood, for Karl H. Berendt. Original number 24. Received from Henry Bryant, in whose private collection it was No. 518.

7701. Adult female. Rockport, Cuyahoga County, Ohio. May 10, 1849. Collected by Jared P. Kirtland.

Ridgway had a series of unstated length, which might now be impossible to reconstruct. No. 61136 was, fortunately, specifically mentioned as a typical specimen, and, on the label of No. 7701, the author wrote "♀ ad. *Type*."

No. 61136 reached us in 1870, in the course of distribution of the Bryant Collection. It may be noted that its history has been similar to that of No. 74626, a cotype of *Dendroica Vieillotii*, var. *Bryanti* Ridgway. I have, up to now, been unsuccessful in tracing the relationships that existed between Bryant, Berendt, and the Smithsonian Institution.

Dendroica graciæ "Coues, MSS." Baird

Review of American birds 1: 210, April 1865.

=*Dendroica graciae graciae* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 400, 1935.

444024=36988 reentered. Adult male. Fort Whipple (near Prescott), Yavapai County, Arizona. August 11, 1864. Collected by Elliott Coues. Original number 534.

Although Hellmayr (*loc. cit.*) stated in 1935 that the type of *Dendroica graciæ* Baird was in the collection of the U.S. National Museum, it was in fact sent in 1872 to Charles J. Maynard and was wholly lost to sight until 1951, when Mr. Paul W. Schwalbe, of the West Chester State Teachers College, Gradyville, Pennsylvania, rediscovered it in a collection, formerly the property of Benjamin H. Warren, now deposited at the college. Through the courteous cooperation of the college authorities, it was returned to Washington and was entered into the museum register under the new number 444024. How and when the bird left the possession of Maynard for that of Warren can perhaps never now be learned.

The ink on the oldest label is now much faded, but the script on a more recent one is still perfectly legible. The data thereon transcribed, perhaps by Maynard's hand, are not quite exact: the name "Coues" is at one place misspelled "Couse"; the place name "Prescott" appears as "Briscon"; and the date is erroneously given as "Aug. 1, 1864."

Dendroica Graciæ, var. decora Ridgway

American Naturalist 7 (10): 608, October 1873.

=*Dendroica graciae decora* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 400, 1935.

41808. Adult male. Belize, British Honduras. 1866. Collected by Christopher D. Wood. Received from John Cassin.

Dendroica adelaidæ Baird

Review of American birds 1: 212, April 1865.

=*Dendroica adelaidae adelaidae* Baird. See Bond, Checklist of birds of the West Indies, ed. 3, p. 142, 1950.

36486. Adult (sex not indicated). Puerto Rico. Winter, 1864–1865. Collected by Robert Swift.

Dendroica subita Riley

Smithsonian Misc. Coll. 47 [Quarterly Issue 2] (2): 289, Nov. 9, 1904.

=*Dendroica adelaidae subita* Riley. See Bond, Checklist of birds of the West Indies, ed. 3, p. 142, 1950.

191301. Adult male. Barbuda Island, Leeward Islands, Caribbean Sea. Sept. 19, 1903. Collected by H. G. Selwyn Branch.

Dendrœca adelaidæ delicata Ridgway

Proc. U.S. Nat. Mus. 5: 525, Apr. 3, 1883.

=*Dendroica adelaidae delicata* Ridgway. See Bond, Checklist of birds of the West Indies, ed. 3, p. 142, 1950.

80909. Adult (sex not indicated). Saint Lucia Island, Windward Islands, Caribbean Sea. Entered into the museum register on Oct. 23, 1880. Collected by Frederick A. Ober.

Dendroica striata lurida Burleigh and Peters

Proc. Biol. Soc. Washington 61: 119, June 16, 1948.

231288. Adult male. Nushagak (on Nushagak Bay), southwestern Alaska. June 13, 1911. Collected by G. Dallas Hanna. Original number 96. Received from the U.S. Fish and Wildlife Service.

Dendroica vigorsii abacoensis Ridgeway

Auk 19 (1) : 69, January 1902.

=*Dendroica pinus achrustera* Bangs. See Hellmayr, Catalogue of birds of the Americas 8: 406, 1935.

108479. Adult male. Abaco Island, Bahama Islands. Apr. 1, 1886. Collected by Willard Nye, Jr. Received from the U.S. Fish Commission.

Sylvicola kirtlandii Baird

Ann. Lyc. Nat. Hist. New York 5: 217, pl. 6 (not earlier than June), 1852.

=*Dendroica kirtlandii* (Baird). See Hellmayr, Catalogue of birds of the Americas 8: 407, 1935.

4363=3736 reentered. Subadult male. Near Cleveland, Cuyahoga County, Ohio. May 13, 1851. Collected by Charles Pease. Received from Spencer F. Baird, who acquired it from Jared P. Kirtland.

Among the MS. notes of the late Charles W. Richmond are found the following remarks on this type:

"Presented by Kirtland to Baird, who says 'killed by Dr. Kirtland, near Cleveland, Ohio, May, 1851, and prepared by myself' (Baird was in Cleveland at the time). Baird in same place lists the bird as collected 'May 13, '51'. (Rev. Am. Birds, 1865, p. 207.)

"The bird was first catalogued in our colln. in 1852 as no. 3736, and date is given as May 12, 1851. In orig. descr. Baird writes 'This species, which was shot near Cleveland, Ohio, by Mr. Charles Pease, May 13, 1851' (Ann. Lyc. N. H. New York, V, 1852, p. 217. The upper mandible has been broken since the orig. desc. was made.

"As originally catal., the type is listed as received from Kirtland, but this was probably an instance where Baird catal. a bird in advance of its receipt (as I know he did in some other cases). In the meantime Kirtland gave the bird to Baird, who turned it over to the Smithsonian and it was again catalogued, this time in 1855, under the number 4363 (the number under which it has been referred to in print), where the date is given as May 1851 and it is credited as rec'd from Baird & collected by Kirtland. On the orig. label Baird has indicated the date as 'May 1851' with the date '13' inserted later. I think Baird's date, May 13, is likely to be correct."

Dendroica discolor paludicola A. H. Howell

Auk 47 (1): 41, Jan. 2, 1930.

261961. Adult female. Anclote Keys, Pasco County, Florida. May 22, 1918. Collected by Charles H. M. Barrett. Original number 52. Received from the U.S. Fish and Wildlife Service.

[Dendrœca palmarum] subspecies **hypochrysea** Ridgway

Bull. Nuttall Orn. Club 1 (4): 84, 85, November 1876.

=*Dendroica palmarum hypochrysea* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 412, 1935.

83036. Adult male. Cambridge, Middlesex County, Massachusetts. Collected by William Brewster. Received from Robert Ridgway (in whose private collection it was No. 2164), who acquired it from William Brewster.

83037=63155 reentered. Adult female. Cambridge, Middlesex County, Massachusetts. Apr. 27, 1872. Collected by Henry W. Henshaw.

26929. Adult female. Province of Nova Scotia, Canada. June 18– (entered into the museum register on Mar. 2, 1863). Collected by W. G. Winton (or Winston). Original number 1.

83038. Adult (sex not indicated). Washington, District of Columbia. Oct. 10, 1861. Collected by Elliott Coues. Received from Robert Ridgway (in whose private collection it was No. 2567), who acquired it from Elliott Coues.

783. Adult male. Carlisle, Cumberland County, Pennsylvania. Oct. 7, 1842. Collected by Spencer F. Baird, of whose private collection it once formed part.

59811. Adult (sex not indicated). Hibernia, Clay County, Florida. February 1870. Collected by George A. Boardman. Original number 208.

83035. Immature (sex not indicated). Saint Croix River, eastern Maine. July 20, 1874. Collected by George A. Boardman. Received from Robert Ridgway (in whose private collection it was No. 2807), who acquired it from George A. Boardman.

No. 63155 entered Ridgway's private collection, had its original label removed, and when returned to the museum in July 1881 received the new number 83037.

Dendrœca plumbea Lawrence

Ann. New York Acad. Sci. 1 (1–2): 47 [p. 2 in separate], December 1877.

=*Dendroica plumbea* Lawrence. See Bond, Checklist of birds of the West Indies, ed. 3, p. 146, 1950.

77805. Adult male. Dominica Island, Leeward Islands, Caribbean Sea. 1877. Collected by Frederick A. Ober. Original number 66.

77807. Adult female. Dominica Island, Leeward Islands, Caribbean Sea. 1877. Collected by Frederick A. Ober. Original number 142.

Lawrence had a series of eleven skins, at least four of which came from Dominica, inferentially made the restricted type locality by Brodkorb (Proc. Biol. Soc. Washington 44: 3, 1931). These two, each marked by him as "Type," are the ones from which Lawrence's descriptions were drawn.

Genus CATHAROPEZA Sclater

Leucopeza Bishopi Lawrence

Ann. New York Acad. Sci. 1 (5) : 150 [p. 151, in separate], June 1878.

=*Catharopeza bishopi* (Lawrence). See Bond, Checklist of birds of the West Indies, ed. 3, p. 146, 1950.

74099. Adult male. Windward side of La Soufrière, Saint Vincent Island, Windward Islands, Caribbean Sea. Nov. 5, 1877. Collected by Frederick A. Ober. Original number 434.

74098. Adult female. "Mountain-tops, Carabries," Saint Vincent Island, Windward Islands, Caribbean Sea. February 1878. Collected by Frederick A. Ober. Original number 460.

Lawrence had four specimens, but Nos. 74100 and 74101 have vanished from the collection without trace. Each of the two here listed bears on its label the word "Type," in Lawrence's hand.

Genus SEIURUS Swainson

Seiurus aurocapillus canivirens Burleigh and Duvall

Wilson Bull. 64 (1) : 39, Mar. 15, 1952.

342053. Adult male. Margret, Fannin County, Georgia. July 5, 1929. Collected by Thomas D. Burleigh. Original number 476. Received from the U.S. Fish and Wildlife Service.

Seiurus noveboracensis uliginosus Burleigh and H. S. Peters

Proc. Biol. Soc. Washington 61: 120, June 16, 1948.

381382. Adult male. Topsail (about lat. 47°30′ N., long. 53°01′ W.), Saint John's District, Province of Newfoundland, Canada. June 22, 1945. Collected by Harold S. Peters and Thomas D. Burleigh. Original number 830. Received from the U.S. Fish and Wildlife Service.

Siurus naevius notabilis, "Grinnell, MS." Ridgway

Proc. U.S. Nat. Mus. 3: 12, April? 1880.

=*Seiurus noveboracensis notabilis* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 8: 418, 1935.

370456. Adult (sex not indicated). Como, Carbon County (not "Black Hills"), Wyoming. May 10, 1878. Collected by Samuel W. Williston. Received from George B. Grinnell (of whose private collection it once formed part).

This specimen, deposited in Washington by Grinnell on Sept. 12, 1900, was not entered into the museum register until Jan. 21, 1942.

Genus OPORORNIS Baird

Sylvia Tolmiei J. K. Townsend

Narrative of a journey across the Rocky Mountains, appendix, p. 343, April 1839.

Sylvia Macgillivrayi Audubon

Ornithological biography 5: 75 (not earlier than May 1), 1839.

=*Oporornis tolmiei tolmiei* (Townsend). See Phillips, Auk 64: 297, 1947.

1861. Adult male. "Columbia River"=Fort Vancouver, Clarke County, Washington. May 4, 1836. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from Edward Harris, who in turn presumably got it from John J. Audubon.

1910. Adult male. "Columbia River"=Fort Vancouver, Clarke County, Washington. May 1835. Collected by John K. Townsend. Received from Spencer F. Baird, who acquired it from John J. Audubon.

2907. Adult (not immature) male. Same data as No. 1910.

Other cotypes, with similar data, are a male in the Museum of Comparative Zoölogy, where it is No. 35008, and a bird in the Academy of Natural Sciences of Philadelphia, where it is No. 23765.

All of these are cotypes equally of Townsend's and Audubon's names.

Oporornis tolmiei austinsmithi A. R. Phillips

Auk 64 (2): 298, Apr. 14, 1947.

268434. Adult male. Emigrant Gulch (elev. 6,500 feet), three miles southeast of Chico, Park County, Montana. July 13, 1917. Collected by Marcus A. Hanna. Original number 172. Received from the U.S. Fish and Wildlife Service.

Genus MICROLIGEA Cory

Microligea palustris vasta Wetmore and Lincoln

Proc. Biol. Soc. Washington 44: 121, Oct. 17, 1931.

327859. Adult male. Beata Island, Caribbean Sea (just west of the southernmost point of Hispaniola). May 13, 1931. Collected by Alexander Wetmore and Frederick C. Lincoln. Original number 8741.

Genus GEOTHLYPIS Cabanis

Geothlypis trichas quebecicola Oberholser

Descriptions of new races of *Geothlypis trichas* (Linnaeus), p. 1, Jan. 20, 1948. (Cleveland, Ohio, published by the author.)

190300. Adult male. Balena, Province of Newfoundland, Canada. June 6, 1903. Collected by William Palmer.

Geothlypis trichas ontarionicola Oberholser

Descriptions of new races of *Geothlypis trichas* (Linnaeus), p. 1, Jan. 20, 1948. (Cleveland, Ohio, published by the author.)

299083. Adult male. Fox Lake (5 miles south of Saint James), Beaver Island, Charlevoix County, Michigan. July 23, 1925. Collected by Frederick C. Lincoln. Original number 3433. Received from the U.S. Fish and Wildlife Service.

Geothlypis trichas minnesoticola Oberholser

Descriptions of new races of *Geothlypis trichas* (Linnaeus), p. 2, Jan. 20, 1948. (Cleveland, Ohio, published by the author.)

303938. Adult male. Saint Paul, Ramsey County, Minnesota. July 29, 1931. Collected by John C. Jones. Original number 245. Received from the U.S. Fish and Wildlife Service.

Geothlypis trichas alberticola Oberholser

Descriptions of new races of *Geothlypis trichas* (Linnaeus), p. 2, Jan. 20, 1948. (Cleveland, Ohio, published by the author.)

283096. Adult male. Main branch of the Athabaska River (9 miles above its mouth in the Athabaska Delta), Athabaska Electoral District, Province of Alberta, Canada. June 13, 1920. Collected by Francis Harper. Original number 160. Received from the U.S. Fish and Wildlife Service.

Geothlypis trichas arizela Oberholser

Auk 16 (3) : 257, July 1899.

7918. Adult male. Fort Steilacoom, Pierce County, Washington. May 13, 1856. Collected by George Suckley. Original number 383.

Geothlypis trichas californicola Oberholser

Descriptions of new races of *Geothlypis trichas* (Linnaeus), p. 4, Jan. 20, 1948. (Cleveland, Ohio, published by the author.)

137178. Adult male. "Carberry's Ranch" (south of the Pit River, about halfway between Redding and Cassel, *fide* Aldrich [MS.]), Shasta County, California. May 22, 1894. Collected by Clark P. Streator. Received from the U.S. Fish and Wildlife Service.

Geothlypis trichas utahicola Oberholser

Descriptions of new races of *Geothlypis trichas* (Linnaeus), p. 3, Jan. 20, 1948. (Cleveland, Ohio, published by the author.)

137183. Adult male. Fairfield, Utah County, Utah. June 26, 1890. Collected by Vernon O. Bailey. Received from the U.S. Fish and Wildlife service.

Geothlypis trichas arizonicola Oberholser

Descriptions of new races of *Geothlypis trichas* (Linnaeus), p. 4, Jan. 20, 1948. (Cleveland, Ohio, published by the author.)

235880. Adult male. Fort Verde, Yavapai County, Arizona. May 5, 1888. Collected by Edgar A. Mearns. Original number 6326.

Geothlypis trichas typhicola Burleigh

Proc. Biol. Soc. Washington 47: 21, Feb. 9, 1934.

301459. Adult male. "Oconee River Swamp," Athens, Clark County, Georgia. May 11, 1930. Collected by Thomas D. Burleigh. Original number 896. Received from the U.S. Fish and Wildlife Service.

Geothlypis trichas modestus Nelson

Auk 17 (3): 269, July 1900.

=*Geothlypis trichas modesta* Nelson. See Hellmayr, Catalogue of birds of the Americas 8: 431, 1935.

157204. Adult male. San Blas, State of Nayarit, México. June 12, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4481. Received from the U.S. Fish and Wildlife Service.

Geothlypis melanops Baird

Review of American birds 1: 219 (in key), 222, April 1865.

=*Geothlypis trichas melanops* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 431, 1935.

26372. Adult male. (Probably Jalapa, State of Vera Cruz) México. Entered into the museum register in January 1863. Received from John Krider.

This was one of a set of 15 birds received simultaneously from Krider; 7 had as provenience "Mexico," 7 "Xalapa," and 1 "Xalapa?."

Geothlypis beldingi goldmani Oberholser

Condor 19(6): 183, Dec. 7, 1917.

=*Geothlypis beldingi* Ridgway. See Behle, Condor 52: 214–215, 1950.

196026. Adult male. San Ignacio (lat. 27°17′ N.), State of Baja California, México. Oct. 7, 1905. Collected by Edward W. Nelson and Edward A. Goldman. Original number 11766. Received from the U.S. Fish and Wildlife Service.

Geothlypis beldingi Ridgway

Proc. U.S. Nat. Mus. 5: 344, Sept. 11, 1882.

87685. Adult male. San José del Cabo, State of Baja California, México. Entered into the museum register on June 27, 1882. Collected by Lyman Belding.

87686. Adult female. San José del Cabo, State of Baja California, México. Entered into the museum register on June 27, 1882. Collected by Lyman Belding.

Each of these specimens was marked by Ridgway as "Type."

Geothlypis flavovelatus Ridgway

Proc. U.S. Nat. Mus. 18: 119, Apr. 15, 1896.

=*Geothlypis flavovelata* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 433, 1935.

135180. Adult male. Alta Mira, State of Tamaulipas, México. Dec. 5, 1894. Collected by Frank B. Armstrong.

Geothlypis flaviceps Nelson

Auk 16(1): 31, January 1899.

=*Geothlypis flavovelata* Ridgway. See Hellmayr, Catalogue of Birds of the Americas 8: 433 (footnote 1), 1935.

158741. Adult male. Alta Mira, State of Tamaulipas, México. Apr. 20, 1898. Collected by Edward W. Nelson and Edward A. Goldman. Original number 5254. Received from the U.S. Fish and Wildlife Service.

Geothlypis chapalensis Nelson

Proc. Biol. Soc. Washington 16: 156, Nov. 30, 1903.

186409. Adult male. Ocotlán, State of Jalisco, México. June 26, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 10277. Received from the U.S. Fish and Wildlife Service.

Geothlypis tanneri Ridgway

Auk 3 (3) : 335, July 1886.

=*Geothlypis rostrata tanneri* Ridgway. See Todd, Auk 28: 250, 1911.

108493 (not 108402). Adult male. Great Abaco Island, Bahama Islands. Apr. 3, 1886. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Geothlypis incompta Ridgway

Birds of North and Middle America 2: 677, Oct. 16, 1902.

=*Geothlypis rostrata tanneri* Ridgway. See Todd, Auk 28: 250, 251, 1911.

108495. Adult male. Great Abaco Island, Bahama Islands. Apr. 6, 1886. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Geothlypis rostratus H. Bryant

Proc. Boston Soc. Nat. Hist. 11: 67, text-fig. (not earlier than April) 1867.

=*Geothlypis rostrata rostrata* Bryant. See Todd, Auk 28: 247, 1911.

54923. Adult male. New Providence Island, Bahama Islands. Collected by Henry Bryant.

This bird became part of our collection in April 1869, apparently as a gift from Bryant, but was obviously collected a number of years earlier. Of the original three male cotypes, another is now No. 73316 in the Museum of Comparative Zoology; the third is apparently lost without trace.

Geothlypis coryi Ridgway

Auk 3 (3) : 334, July 1886.

=*Geothlypis rostrata coryi* Ridgway. See Todd, Auk 28: 252, 1911.

107876. Adult male. Eleuthera Island, Bahama Islands. March 12, 1886. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Sylvia Delafieldii Audubon

Ornithological biography 5: 307, 308, 1839.

=*Geothlypis aequinoctialis aequinoctialis* (Gmelin). See Hellmayr, Catalogue of birds of the Americas 8: 438, 1935.

2905. Adult male. "California." Collected by "John K. Townsend." Received from Spencer F. Baird, who acquired it from John J. Audubon.

It is doubtless now impossible ever to trace the true history of this specimen of a South American form. See Grinnel, Univ. California Publ. Zool. 38: 322, 1932.

Geothlypis bairdi "Nutting" Ridgway

in Nutting, Proc. U.S. Nat. Mus. 6: 398, Apr. 26, 1884.

=*Geothlypis semiflava bairdi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 441, 1935.

91150. Adult male. Hacienda "Los Sábalos" (on the Río San Juan, about 30 miles from the east shore of Lake Nicaragua), Department of Chontales, Nicaragua. May 15, 1883. Collected by Charles C. Nutting. Original number 935.

91151. Adult male. Hacienda "Los Sábalos," Department of Chontales, Nicaragua. May 2, 1883. Collected by Charles C. Nutting. Original number 828.

91152. Adult female. Hacienda "Los Sábalos," Department of Chontales, Nicaragua. May 14, 1883. Collected by Charles C. Nutting. Original number 928.

Geothlypis speciosa P. L. Sclater

Proc. Zool. Soc. London 26: 447, January–May 1859.

89906. Subadult male. México. 1858. Collected by Henri L. F. de Saussure. Received from Philip L. Sclater (in whose private collection it was No. 169b), who acquired it from the Muséum d'Histoire Naturelle, Geneva.

Sclater had three cotypes, "an adult male, a young male, and a female." The two adults are now in the collection of the British Museum (Natural History).

Geothlypis nelsoni microrhyncha Ridgway

Birds of Middle and North America 2 : 685, Oct. 16, 1902.

143333. Adult male. Real del Monte, State of Hidalgo, México. March 13, 1891. Collected by Clark P. Streator. Received from the U.S. Fish and Wildlife Service.

Geothlypis poliocephala ralphi Ridgway

Proc. U.S. Nat. Mus. 16: 692, Feb. 5, 1894.

129348. Adult male. Brownsville, Cameron County, Texas. May 4, 1893. Collected by Frank B. Armstrong. Received from William L. Ralph.

Geothlypis poliocephala Baird

Review of American birds 1: 220 (in key), 225, April 1865.

=*Geothlypis poliocephala poliocephala* Baird. See Wetmore, Proc. U.S. Nat. Mus. 95: 72, 1944; Miller, Auk 36: 290–291, 1919.

34017. Adult male. Mazatlán, State of Sinaloa, México. June 14, 1862. Collected by Andrew J. Grayson. Original number 16.

Chamaethlypis poliocephala pontilis Brodkorb

Journ. Washington Acad. Sci. 33(2): 33, Feb. 18, 1943.

=*Geothlypis poliocephala pontilis* (Brodkorb)? See Wetmore, Proc. U.S. Nat. Mus. 95: 72–73, 1944; Miller, Auk 36: 290–291, 1919.

186396. Adult male. Puente de Ixtla, State of Morelos, México. June 8, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 10144. Received from the U.S. Fish and Wildlife Service.

G[eothlypis (Chamæthlypis)]. palpebralis Ridgway

Manual of North American birds, p. 526, September 1887.

=*Geothlypis poliocephala palpebralis* Ridgway. See Wetmore, Proc. U.S. Nat. Mus. 95: 73, 1944; Miller, Auk 36: 290–291, 1919.

44743. Adult male. Hacienda "Mirador" (near Huatusco, west of Veracruz), State of Vera Cruz, México. Aug. 24, 18– (entered into the museum register on Dec. 4, 1866). Collected by Carl C. W. Sartorius. Original number 307.

Ridgway had specimens from "Eastern Mexico (Mirador, etc.)" and from "Yucatan (Merida)." Wetmore (*loc. cit.*), restricting the name *palpebralis* to the population of Vera Cruz, points out that those of Campeche and Yucatán probably represent a distinct form. Ridgway's birds from Mérida may therefore no longer properly be considered cotypes. I find in the museum only one of the skins from Vera Cruz examined by Ridgway.

No. 44743 at some time entered Ridgway's private collection and carries his label, as well as Sartorius's original one.

[G(eothlypis). poliocephala] β. caninucha Ridgway

American Journal of Science and Arts (3)4(24): 459, December 1872.

=*Geothlypis poliocephala caninucha* Ridgway. See Wetmore, Proc. U.S. Nat. Mus. 95: 73, 1944; Miller, Auk 36: 290–291, 1919.

30677. Adult (sex not indicated). Retalhuleu, Department of Retal Huleu, Guatemala. September 1862. Collected by Osbert Salvin. Original number 198. Received from Osbert Salvin and Frederick Du C. Godman.

Ridgway had specimens from Guatemala and Costa Rica, but all from the latter region are now held to belong with another race and are no longer to be considered cotypes. No. 30677 seems to have been his only skin from Guatemala.

Geothlypis caninucha icterotis Ridgway

Proc. U.S. Nat. Mus. 11: 539, Sept. 20, 1889.

=*Geothlypis poliocephala icterotis* Ridgway. See Wetmore, Proc. U.S. Nat. Mus. 95: 72, 73, 1944; Miller, Auk 36: 290–291, 1919.

90415 (not 94415). Adult male. Costa Rica. Entered into the museum register on June 20, 1883. Collected by C. H. Van Patten.

Ridgway had three cotypes, two of which were the property of the Museo Nacional de Costa Rica and were presumably returned to San José.

Genus GRANATELLUS Bonaparte

Granatellus franciscæ Baird

Review of American birds 1: 231 (in key), 232, April 1865.

=*Granatellus venustus franciscae* Baird. See Hellmayr, Catalogue of birds of the Americas 8: 448, 1935.

37312. Adult male. Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 67.

Baird's name was spelled *franciscae* in the key, *francescae* in the formal description. Since *franciscae* not only is the proper Latin orthography, but also has page priority, I prefer to use it here.

Granatellus sallæi boucardi Ridgway

Proc. U.S. Nat. Mus. 8: 23, May 6, 1885.

=*Granatellus sallaei boucardi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 8: 449, 1935.

81759 (not 81760). Adult male. State of Yucatán, México. 1879. Received from Adolphe Boucard.

Genus WILSONIA Bonaparte

Wilsonia pusilla chryseola Ridgway

Birds of North and Middle America 2: 714, Oct. 16, 1902.

98276. Adult male. Red Bluff, Tehama County, California. May 1, 1884. Collected by Charles H. Townsend. Original number 747.

Ridgway based this name upon an extensive series from the "Pacific coast district of United States and British Columbia," but designated no specimen as the type. It would now be exceedingly difficult again to bring together all the cotypes, and I list here only No. 98276, subsequently made a lectotype by Ridgway himself.

Genus CARDELLINA Bonaparte

Muscicapa rubrifrons Giraud

Description of sixteen new species of North American birds, [p. 27,] pl. 7, fig. 1, 1841.

=*Cardellina rubrifrons rubrifrons* (Giraud). See Hellmayr, Catalogue of birds of the Americas 8: 455, 1935.

47693. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

Genus SETOPHAGA Swainson

Muscicapa leucomus Giraud

Description of sixteen new species of North American birds, [p. 23,] pl. 6, fig. 1, 1841.

=*Setophaga picta picta* Swainson. See Hellmayr, Catalogue of birds of the Americas 8: 458, 1935.

47696. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

Genus MYIOBORUS Baird

Muscicapa derhamii Giraud

Description of sixteen new species of north American birds, [p. 13,] pl. 3, fig. 2, 1841.

=*Myioborus miniatus miniatus* (Swainson). See Hellmayr, Catalogue of birds of the Americas 8: 459, 460, 1935.

558. Adult (sex not indicated). "Texas." "1838." Received from Spencer F. Baird, who acquired it from John G. Bell.

47695. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

Myioborus miniatus molochinus Wetmore

Proc. Biol. Soc. Washington 55: 105, Aug. 13, 1942.

360161. Adult male. Volcán San Martín (at elev. 3,000–4,000 feet), Sierra de Tuxtla, State of Vera Cruz, México. Apr. 17, 1940. Collected by Melbourne A. Carriker, Jr. Original number 759.

Myioborus miniatus comptus Wetmore

Proc. U.S. Nat. Mus. 95: 74, July 7, 1944.

361729. Adult male. Cerro Santa María (a spur of the Volcán Rincón de la Vieja), above the Hacienda "Santa María" (at elev. 3,000 feet), Province of Guanacaste, Costa Rica. Nov. 14, 1940. Collected by Alexander Wetmore. Original number 10958.

Setophaga aurantiaca Baird

Review of American birds 1: 254 (in key), 261, May 1865.

=*Myioborus miniatus aurantiacus* (Baird). See Hellmayr, Catalogue of birds of the Americas 8: 462, 1935.

33280. Adult female. Santa Mariá de Dota, Province of San José, Costa Rica. Jan. 25, 1864. Collected by Julián Carmiol. Original number 8.

33281 (not 33291). Adult male. Santa María de Dota, Province of San José, Costa Rica. Jan. 27, 1864. Collected by Julián Carmiol. Original number 8.

33282. Adult female. Santa María de Dota, Province of San José, Costa Rica. Jan. 24, 1864. Collected by Julián Carmiol. Original number 8.

Baird had nine specimens, of which three (from San José and Barranca) would now be held nearer the more recently described *comptus;* the remaining six, all from Santa María de Dota, alone may be considered cotypes of *aurantiacus.* No. 33279 was sent in 1877 to the Mombusho Museum, Tokyo; Nos. 33277 and 33278 have vanished from the museum without trace.

No. 33282 is yet another example of a cotype that, having at some time entered Ridgway's private collection, has suffered the loss of its original label.

Myioborus miniatus ballux Wetmore and W. H. Phelps, Sr.

Proc. Biol. Soc. Washington 57: 11, Apr. 11, 1944.

———. Adult male. Near Queniquea (at elev. 1,600 meters), State of Táchira, Venezuela. Nov. 7, 1940. Collected by F. Benedetti. Deposited by William H. Phelps, Sr., in whose private collection it is No. 9263.

Setophaga torquata Baird

Review of American birds 1: 255 (in key), 261, May 1865.

=*Myioborus torquatus* (Baird). See Hellmayr, Catalogue of birds of the Americas 8: 465, 1935.

30494. Immature (sex not indicated). "San Jose?," Costa Rica. Entered into the museum register on Nov. 7, 1863. Collected by Alexander von Frantzius. Original number 99.

30496. Adult (sex not indicated). "San Jose?," Costa Rica. Entered into the museum register on Nov. 7, 1863. Collected by Alexander von Frantzius. Original number 97.

33283. Adult (sex not indicated). San José, Province of San José, Costa Rica. Entered into the museum register on Mar. 23, 1864. Collected by Julián Carmiol.

A fourth cotype, No. 30495, was sent in 1875 to the Princeton Museum of Zoology.

Nos. 30494, 30495, and 30496 were entered into the register simply as from "Costa Rica." On their labels Baird wrote "San Jose?," but in the original description dropped the query. On the label of No. 30496 appears the word "Type" in Baird's own hand; in short, his lectotype is one of the three of dubious provenience. Since No. 33283 would have been a better choice, and since no specimen was indicated at the first description as the type, I list here all of the original series.

Genus ERGATICUS Baird

Parus leucotis Giraud

Description of sixteen new species of North American birds, [p. 17,] pl. 4, fig. 1, 1841.

=*Ergaticus ruber ruber* (Swainson). See Hellmayr, Catalogue of birds of the Americas 8: 475, 1935.

561. Adult (sex not indicated). "Texas." "1838." Received from Spencer F. Baird, who acquired it from John G. Bell.

47692. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

Cardellina versicolor Salvin

Proc. Zool. Soc. London, for 1863 (2): 188, pl. 24, fig. 1, August 1863.

=*Ergaticus ruber versicolor* (Salvin). See Hellmayr, Catalogue of birds of the Americas 8: 475, 1935.

30703. Adult female. Totonicapam, Department of Totonicapam, Guatemala. October 1862. Collected by Osbert Salvin and Frederick DuC. Godman. Original number 357. Received from Osbert Salvin.

This name was based upon an unspecified number of cotypes, from the Volcán de Fuego, Totonicapam, and Chilasco. A male from the last-named locality, in the British Museum (Natural History), is said by Bowdler Sharpe (Catalogue of the birds in the British Museum 10: 408, 1885) to be the type, but its claim to typeship is no greater than that of our No. 30703, labeled by Salvin himself as "Type specimen."

Genus EUTHLYPIS Cabanis

Euthlypis lachrymosa tephra Ridgway

Birds of North and Middle America 2: 738, Oct. 16, 1902.

=*Euthlypis lachrymosa* (Bonaparte). See Van Rossem, Bull. Mus. Comp. Zool. 77: 474, 1934.

151906. Adult male. Hacienda de San Rafael (lat. 27°08′ N., long. 108°42′ W.), State of Sonora (not Chihuahua), México. May 10, 1888. Collected by M. Abbott Frazar. Received from William Brewster.

Genus BASILEUTERUS Cabanis

Basileuterus luteoviridis superciliaris Chapman

Proc. Biol. Soc. Washington 32: 265, Dec. 31, 1919.

273009. Adult male. Above Torontoy (at elev. 14,000 feet), Department of Cuzco, Perú. May 14, 1915 (not 1914). Collected by Edmund Heller. Original number 104. Yale University-National Geographic Society Peruvian Expedition (1914–1915).

M[yiothlypis]. flaveolus Baird

Review of American birds 1: 252 (footnote 1), May 1865.

=*Basileuterus flaveolus* (Baird). See Todd, Proc. U.S. Nat. Mus. 74: 42, 1929.

16334. Adult female. Paraguay. June 1859. Collected by Christopher D. Wood. Original number 53. Second U.S. Survey of the Rió Paraná (1859–1860).

Basileuterus leucoblepharus calus Oberholser

Proc. Biol. Soc. Washington 14: 188, Dec. 12, 1901.

=*Basileuterus leucoblepharus* (Vieillot). See Hellmayr, Catalogue of birds of the Americas 8: 485, 486, 1935.

173448. Adult male. Sapucay (on the railway between Asunción and Villarrica), Paraguay. July 1, 1900. Collected by William T. Foster. Original number 91.

Basileuterus melanotis Lawrence

Ann. Lyc. Nat. Hist. New York 9 (1–4) : 95, April 1868.

=*Basileuterus tristriatus melanotis* Lawrence. See Todd, Proc. U.S. Nat. Mus. 74: 63, 1929.

47408. Adult male. Cervantes, Province of Cartago, Costa Rica. Apr. 15, 1867. Collected by Julián Carmiol.

Muscicapa brasierii [*sic*] Giraud

Description of sixteen new species of North American birds, [p. 25,] pl. 6, fig. 2, 1841.

=*Basileuterus culicivorus brasherii* (Giraud). See Todd, Proc. U.S. Nat. Mus. 74: 76, 1929.

47698. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

Basileuterus culicivorus flavescens Ridgway

Birds of North and Middle America 2: 755, Oct. 16, 1902.

156147. Adult male. San Sebastián, State of Jalisco, México. Mar. 17, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3887. Received from the U.S. Fish and Wildlife Service.

Basileuterus melanogenys Baird

Review of American birds 1: 247 (in key), 248, May 1865.

=*Basileuterus melanogenys melanogenys* Baird. See Todd, Proc. U.S. Nat. Mus. 74: 81, 1929.

30497. Adult (sex not indicated). Costa Rica. Entered into the museum register on Nov. 7, 1863. Collected by Alexander von Frantzius. Original number 117.

The provenience appears in the register simply as "Costa Rica," but Baird, on the label, has added "San Jose?."

Basileuterus melanogenys eximius Nelson

Smithsonian Misc. Coll. 60 (3) : 22, Sept. 27, 1912.

188465. Adult female. Boquete (elev. 5,800 [not 5,000] feet), Department of Chiriquí, Panamá. Mar. 23, 1901. Collected by Wilmot W. Brown, Jr. Received from Outram Bangs, of whose private collection it once formed part.

Basileuterus melanogenys ignotus Nelson

Smithsonian Misc. Coll. 60 (3) : 21, Sept. 27, 1912.

232972. Adult female. Mount Pirri (at elev. 5,200 feet), near the head of the Río Limón, Department of Darién, Panamá. Apr. 18, 1912. Collected by Edward A. Goldman. Original number 15539. Received from the U.S. Fish and Wildlife Service.

Muscicapa belli Giraud

Description of sixteen new species of North American birds, [p. 15,] pl. 4, fig. 2, 1841.

=*Basileuterus belli belli* (Giraud). See Todd, Proc. U.S. Nat. Mus. 74: 82, 1929.

47694. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

Basileuterus belli clarus Ridgway

Birds of North and Middle America 2: 745, Oct. 16, 1902.

=*Basileuterus belli belli* (Giraud). See Todd, Proc. U.S. Nat. Mus. 74: 82, 83, 1929.

143292. Adult male. Mountains near Chilpancingo, State of Guerrero, México. Dec. 24, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2448. Received from the U.S. Fish and Wildlife Service.

Basileuterus belli scitulus Nelson

Auk 17 (3) : 268, July 1900.

143293. Adult male. Todos Santos, Department of Huehuetenango, Guatemala. Dec. 30, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3322. Received from the U.S. Fish and Wildlife Service.

Basileuterus belli subobscurus Wetmore

Proc. Biol. Soc. Washington 53: 52, Apr. 19, 1940.

348141. Adult male. "Cantoral," Honduras. Jan. 23, 1936. Collected by Cecil F. Underwood.

Basileuterus rufifrons caudatus Nelson

Proc. Biol. Soc. Washington 13: 29, May 29, 1899.

164260. Adult male. Near Álamos (lat. 27°01′ N., long. 108°58′ W.), State of Sonora, México. Jan. 3, 1899. Collected by Edward A. Goldman. Original number 6048. Received from the U.S. Fish and Wildlife Service.

Basileuterus rufifrons jouyi Ridgway

Proc. U.S. Nat. Mus. 15: 119, July 18, 1892.

124912. Adult male. Hacienda "Angostura," State of San Luis Potosí, México. Dec. 8, 1891. Collected by Pierre L. Jouy. Original number 1246.

Basileuterus rufifrons dugesi Ridgway

Proc. U.S. Nat. Mus. 15: 119, July 18, 1892.

105263. Adult male. State of Guanajuato, México. Entered into the museum register on July 28, 1885. Collected by Alfred Dugès.

Basileuterus flavigaster Nelson

Auk 14 (1) : 67, January 1897.

[Basileuterus] flaviventris Bowdler Sharpe

A Handlist of the genera and species of birds 5: 126, 1909.

=*Basileuterus* (*rufifrons?*) *salvini* Cherrie. See Hellmayr, Catalogue of birds of the Americas 8: 510, 1935.

143265. Adult male. Yajalón, State of Chiapas, México. Oct. 17, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3191. Received from the U.S. Fish and Wildlife Service.

[*Basileuterus*] *flaviventris* Bowdler Sharpe is simply an emendation of Nelson's name, for reasons of purism.

Basileuterus salvini Cherrie

Proc. U.S. Nat. Mus. 14: 342, Sept. 4, 1891.

=*Basileuterus* (*rufifrons?*) *salvini* Cherrie. See Hellmayr, Catalogue of birds of the Americas 8: 510, 1935.

30700. Adult (sex not indicated). Cobán, Department of Alta Vera Paz, Guatemala. Nov. 15, 1859. Collected for Osbert Salvin and Frederick DuC. Godman. Received from Osbert Salvin.

Basileuterus delattrii actuosus Wetmore

Smithsonian Misc. Coll. 134 (9) : 92, July 8, 1957.

461248. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Jan. 23, 1956. Collected by Alexander Wetmore. Original number 20409.

Basileuterus cinereicollis pallidulus Wetmore

Proc. Biol. Soc. Washington 54: 209, Dec. 8, 1941.

369892. Adult male. Tierra Nueva (at the northern end of the Sierra Negra, east of Fonseca), at elev. 4,000–5,000 feet, Department of Magdalena, Colombia. July 10, 1941. Collected by Melbourne A. Carriker, Jr. Original number 1519.

Basileuterus castaneiceps P. L. Sclater and Salvin

Proc. Zool. Soc. London, for 1877 (3) : 521, October 1877.

=*Basileuterus castaneiceps castaneiceps* Sclater and Salvin. See Hellmayr, Catalogue of birds of the Americas 8: 517, 1935.

90452. Adult (sex not indicated). Jima ("on the headwaters of Rio Santiago, not very far from Cuenca"), Province of Azuay, Ecuador. March 1877. Collected by Clarence Buckley. Received from Osbert Salvin and Frederick DuC. Godman, of whose private collection it once formed part.

This name was based upon an apparently short series of cotypes, all from Jima. One retained by Salvin and Godman eventually reached the collection of the British Museum (Natural History); it is probable that another became part of P. L. Sclater's collection and likewise entered the same museum.

Family PLOCEIDAE: Weaver-finches

Genus PSEUDONIGRITA Reichenow

Pseudonigrita arnaudi kapitensis Mearns

Smithsonian Misc. Coll. 56 (14): 5, Dec. 23, 1910.

213773. Adult male. Juja Farm (about 30 miles northeast of Nairobi), Machakos District, Central Province, Kenya Colony. May 14, 1909. Collected by Edgar A. Mearns. Original number 15770. Smithsonian African Expedition.

Philetairus cabanisi enchorus Oberholser

Proc. U.S. Nat. Mus. 27: 683, Apr. 13, 1904.

=*Pseudonigrita cabanisi* (Fischer and Reichenow). See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 385–386, 1937.

177921. Adult male. Dabulli, Arussi-land, Ethiopia (not Somaliland). Sept. 16, 1894. Collected by A. Donaldson Smith. Original number 280.

Genus PASSER Brisson

Passer domesticus soror Ripley

Spolia Zeylanica 24 (3): 241, Nov. 8, 1946.

376926. Adult male. Nikawella State Farm, Rattota, Matale District, Central Province, Ceylon. May 18, 1944. Collected by Herbert G. Deignan. Original number 3.

Passer montanus orientalis Clark

Proc. U.S. Nat. Mus. 38: 69, Apr. 30, 1910.

114228. Adult male. Pusan, South Kyongsang Province, Korea. November 1885. Collected by Pierre L. Jouy. Original number 1427.

114229. Adult male. Pusan, South Kyongsang Province, Korea. Nov. 8, 1885. Collected by Pierre L. Jouy. Original number 1426.

Clark based this name upon Nos. 114228 and 114229 and an immature male from Hokkaido (No. 201530). Since the populations of Hokkaido and Korea are now considered to belong to distinct races, Clark's name, as the oldest available, had to be fixed upon one or the other. Inasmuch as the Hokkaido skin is too young to show the only character adduced by Clark for his new form, the birds from Korea must perforce become the types, and the name *orientalis* accordingly be employed for the Korean race. See Deignan, Condor 54 (3): 171, 1952.

Passer saturatus Stejneger

Proc. U.S. Nat. Mus. 8: 19, May 6, 1885.

=*Passer montanus saturatus* Stejneger. See Orn. Soc. Japan, Handlist of the Japanese birds, ed. 3, rev., p. 10, 1942.

21118. Adult (sex not indicated). "Loo Choo Is."=Okinawa Island, Ryukyu Islands, East China Sea. November 1854. Collected by William Stimpson. U.S. North Pacific Surveying and Exploring Expedition (1853–1856).

Passer montanus hepaticus Ripley

Proc. Biol. Soc. Washington 61: 106, June 16, 1948.

390602. Adult male? (not male). Tezu (elev. 648 feet), Mishmi Hills, Sadiya Frontier Tract, Assam State, India. Jan. 11, 1947. Collected by S. Dillon Ripley. Original number 377. Smithsonian Institution-Yale University Expedition.

Passer montanus dilutus Richmond

Proc. U.S. Nat. Mus. 18: 575, July 25, 1896.

150331. Adult male. Kashgar (lat. 39°28′ N., long. 76°02′ E.), Sinkiang Province, China. Mar. 21, 1894. Collected by William L. Abbott.

Passer rutilans ignoratus Deignan

Proc. Biol. Soc. Washington 61: 16, Mar. 4, 1948.

306382. Adult male. Mount Omei (at elev. 4,000 feet), Szechwan Province, China. July 9, 1925. Collected by David C. Graham. Original number 2.

Passer castanopterus fulgens Friedmann

Occas. Pap. Boston Soc. Nat. Hist. 5: 428, Oct. 10, 1931.

246602. Adult male. Indunumara Mountains (about 10 miles southeast of Lake Rudolf), Northern Frontier District, Kenya Colony. July 15, 1912. Collected by Edgar A. Mearns. Original number 23000. Childs Frick African Expedition (1911–1912).

Genus SPOROPIPES Cabanis

Sporopipes frontalis abyssinicus Mearns

Smithsonian Misc. Coll. 56 (14) : 7, Dec. 23, 1910.

100033. Adult male. Ethiopia. Entered into the museum register on Sept. 26, 1884. Collected by "Blondeel." Purchased from J. G. C. Eugène Rey, in whose private collection it was No. 25845?.

Genus PLOCEUS Cuvier

Ploceella hypoxantha hymenaica Deignan

Auk 64 (2) : 305, Apr. 14, 1947.

=*Ploceus hypoxanthus hymenaicus* (Deignan). See Delacour, L'Oiseau et la Revue française d'Ornithologie 21 (2) : 116, 1951.

333049. Adult male. Nong (Bung) Boraphet (lat. 15°43′ N., long. 100°14′ E.), central Thailand. June 24, 1932. Collected by Hugh McC. Smith. Original number 5646.

Othyphantes fricki Mearns

Smithsonian Misc. Coll. 61 (14): 1, Sept. 20, 1913.

=*Ploceus fricki* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 397, 1937.

247071. Adult male. Alatta, Sidamo district, Ethiopia. Mar. 9, 1912. Collected by Edgar A. Mearns. Original number 20628. Childs Frick African Expedition (1911–1912).

Ploceus jacksoni jucundus Friedmann

Proc. Biol. Soc. Washington 44: 117, Oct. 17, 1931.

275783. Adult male. Nyanza, Ruanda-Urundi Mandated Territory (Belgian East Africa). Mar. 11, 1920. Collected by Harry C. Raven. Original number 5461. Smithsonian Institution-Universal Film Mfg. Co. African Expedition (1919–1920).

Ploceus philippinus angelorum Deignan

Proc. Biol. Soc. Washington 69 (36): 211, Dec. 31, 1956.

307353. Adult female (sexed "male"). Bangkok (lat. 13°45′ N., long. 100°30′ E.), Phra Nakhon Province, Thailand. Apr. 8, 1924. Collected by Hugh McC. Smith.

Genus FOUDIA Reichenbach

Foudia aldabrana Ridgway

Proc. U.S. Nat. Mus. 16: 598, Aug. 16, 1893.

128692. Adult male. Aldabra Island, Aldabra Islands, western Indian Ocean north of Madagascar. Oct. 5, 1892. Collected by William L. Abbott.

Genus QUELEA Reichenbach

Quelea cardinalis pallida Friedmann

Proc. Biol. Soc. Washington 44: 119, Oct. 17, 1931.

247325. Adult female. Indunumara Mountains (about 10 miles southeast of Lake Rudolf), Northern Frontier District, Kenya Colony. July 16, 1912. Collected by Edgar A. Mearns. Original number 23055. Childs Frick African Expedition (1911–1912).

Genus EUPLECTES Swainson

Pyromelana flammiceps changamwensis Mearns

Smithsonian Misc. Coll. 61 (11): 5, Aug. 30, 1913.

=*Euplectes hordaceus changamwensis* (Mearns). See Sclater, Systema avium æthiopicarum 2: 760, 1930; Delacour, L'Oiseau et la Revue française d'Ornithologie (new ser.) 4 (1): 102, 1934.

215886. Adult "male" (in winter plumage), but sexed "female" by the collector! Changamwe, Kilifi District, Coast Province, Kenya Colony. Nov. 22, 1909. Collected by Edgar A. Mearns. Original number 17548. Smithsonian African Expedition.

Genus HYPARGOS Reichenbach

Hypargos niveoguttatus macrospilotus Mearns

Smithsonian Misc. Coll. 61 (14) : 2, Sept. 20, 1913.

=*Hypargos niveoguttatus* (Peters). See Friedman, U.S. Nat. Mus. Bull. 153 (2) : 438, 1937.

246922. Adult male. Meru Forest (north of the Equator), Meru District, Central Province, Kenya Colony. Aug. 10, 1912. Collected by Edgar A. Mearns. Original number 23560. Childs Frick African Expedition (1911–1912).

Genus ESTRILDA Swainson

Lagonosticta incerta Mearns

Smithsonian Misc. Coll. 56 (14) : 6, Dec. 23, 1910.

=*Estrilda rufopicta lateritia* (von Heuglin). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 445, 1937; Delacour, Zoologica, New York 28: 77, 85, 1943.

217311. Adult male. Gondokoro, Mongalla Province, Anglo-Egyptian Sudan (not Uganda Protectorate). Feb. 25, 1910. Collected by Edgar A. Mearns. Original number 18805. Smithsonian African Expedition.

Lagonosticta rubricata fricki Mearns

Smithsonian Misc. Coll. 61 (14) : 4, Sept. 20, 1913.

=*Estrilda rubricata rhodopareia* (von Heuglin). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 443–444, 1937; Delacour, Zoologica, New York 28: 77, 85, 1943.

247543. Adult male. Along the Gato River (at elev. 4,000 feet), near Gardulla (lat. 5°35′ N., long. 37°27′ E.), Ethiopia. Apr. 19, 1912. Collected by Edgar A. Mearns. Original number 21388. Childs Frick African Expedition (1911–1912).

Estrilda cyanocephala Richmond

Auk 14 (2) : 157, April 1897.

118252. Adult male. "Useri River, Plains of Kilimanjaro," Moshi District, Northern Division, Tanganyika Territory. Jan. 12, 1889. Collected by William L. Abbott.

Uræginthus bengalus brunneigularis Mearns

Smithsonian Misc. Coll. 56 (20) : 6, Apr. 17, 1911.

=*Estrilda angolensis brunneigularis* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 457, 1937; Delacour, Zoologica, New York 28: 78, 86, 1943.

215922. Adult female. Wambugu (elev. 5,500 feet), South Nyeri District, Central Province, Kenya Colony. Oct. 23, 1909. Collected by Edgar A. Mearns. Original number 17309. Smithsonian African Expedition.

Granatina ianthinogaster roosevelti Mearns

Smithsonian Misc. Coll. 61 (9) : 3, July 31, 1913.

=*Estrilda ianthinogaster roosevelti* (Mearns). See Sclater, Systema avium æthiopicarum 2: 807, 1930; Delacour, Zoologica, New York 28: 78, 85, 1943.

214634. Adult male. Southern Guaso Nyiro River (at a point east of Sotik Post), Masai Reserve, Kenya Colony. June 14, 1909. Collected by Edgar A. Mearns. Original number 16045. Smithsonian African Expedition.

Estrilda rhodopyga polia Mearns

Smithsonian Misc. Coll. 61 (9) : 1, July 31, 1913.

=*Estrilda rhodopyga centralis* Kothe. See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 451, 1937.

247436. Adult male. Along the Gato River (at elev. 4,000 feet), near Gardulla (lat. 5°35′ N., long. 37°27′ E.), Ethiopia. May 2, 1912. Collected by Edgar A. Mearns. Original number 21687. Childs Frick African Expedition (1911–1912).

Estrilda rhodopyga hypochra Mearns

Smithsonian Misc. Coll. 61 (9) : 2, July 31, 1913.

=*Estrilda rhodopyga centralis* Kothe. See Friedmann, U.S. Nat. Mus. Bull. 153 (2) : 451, 1937.

213786. Adult male. "Between Kapiti Plains Station . . . and camp at Potha," Machakos District, Central Province, Kenya Colony. April 27, 1909. Collected by Edgar A. Mearns. Original number 15632. Smithsonian African Expedition.

Estrilda atricapilla keniensis Mearns

Proc. U.S. Nat. Mus. 48: 390, Jan. 19, 1915.

=*Estrilda atricapilla keniensis* Mearns? See Jackson, The Birds of Kenya Colony and the Uganda Protectorate 3: 1513, 1938.

214622. Adult male. "Fey's Farm," Njabini (elev. 8,000 feet), near Naivasha, Naivasha District, Central Province, Kenya Colony. Aug. 11, 1909. Collected by Edgar A. Mearns. Original number 16540. Smithsonian African Expedition.

Genus ERYTHRURA Swainson

Geospiza cyaneovirens Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 117, "pl. XXXI, fig. 4," 1848.

=*Erythrura cyaneovirens cyaneovirens* (Peale). See Mayr, Birds of the Southwest Pacific, p. 123, 1945.

15776. Adult (sex not indicated). Upolu Island, Samoan Islands. Oceania. 18–. U.S. Exploring Expedition (1838–1842).

Peale's name is correctly spelled as above.

Geospiza prasina Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 116, "pl. xxxi, fig. 3," 1848.

E[rythrura]. Pealii Hartlaub

Archiv für Naturgeschichte (Wiegmann) 18 (1): 104, 1852.

=*Erythrura cyaneovirens pealii* Hartlaub. See Mayr, Birds of the Southwest Pacific, p. 147, 1945.

15777. Adult (sex not indicated). Vanua Levu Island, Fiji Islands, Oceania. 18–. U.S. Exploring Expedition (1838–1842).

E[*rythrura*]. *Pealii* Hartlaub is a substitute name for *Erythrura prasina* (Peale), not *Erythrura prasina* (Sparrman), 1788, and is based upon the same type specimen.

Genus LONCHURA Sykes

Aidemosyne inornata Mearns

Smithsonian Misc. Coll. 61 (14): 3, Sept. 20, 1913.

=*Lonchura malabarica inornata* (Mearns). See Sclater, Systema avium æthiopicarum 2: 771, 1930; Delacour, Zoologica, New York 28: 82, 85, 1943.

217330. Adult female. Ed Dueim (on the White Nile at about lat. 14°00′ N., long. 32°20′ E.), Gezira (El Jezira) District, White Nile Province, Anglo-Egyptian Sudan. Mar. 13, 1910. Collected by Edgar A. Mearns. Original number 18715. Smithsonian African Expedition.

Aidemosyne cantans meridionalis Mearns

Smithsonian Misc. Coll. 61 (14): 4, Sept. 20, 1913.

=*Lonchura malabarica meridionalis* (Mearns). See Friedmann, U.S. Nat. Mus. Bull. 153 (2): 434, 1937; Delacour, Zoologica, New York 28: 82, 85, 1943.

247534. Adult male. At the southern base of the Indunumara Mountains (about 10 miles southeast of Lake Rudolf), Northern Frontier District, Kenya Colony. July 16, 1912. Collected by Edgar A. Mearns. Original number 23048. Childs Frick African Expedition (1911–1912).

Uroloncha acuticauda phaethontoptila Oberholser

Journ. Washington Acad. Sci. 16 (19): 521, Nov. 18, 1926.

=*Lonchura striata phaethontoptila* (Oberholser). See Orn. Soc. Japan, Handlist of the Japanese birds, ed. 3, rev., p. 9, 1942.

37817. Adult (sex not indicated). Northern Formosa. March 1862. Collected by Robert Swinhoe. Received from Henry B. Tristram (of whose private collection it once formed part).

Uroloncha acuticauda lepidota Oberholser

Journ. Washington Acad. Sci. 16 (19): 520, Nov. 18, 1926.

=*Lonchura striata subsquamicollis* (Stuart Baker), *fide* Deignan (ms.).

154014. Adult male. "Tyching"=Ban Tha Chin (lat. 7°34′ N., long. 99°34′ E.), Province of Trang, peninsular Thailand. May 23, 1896. Collected by William L. Abbott.

Lonchura leucogastra smythiesi Parkes

Proc. U.S. Nat. Mus. 108 : 282, Oct. 21, 1958.

461688. Adult male. Tabuan, near Kuching, Sarawak. Dec. 9, 1938. Collector unknown. Received from the Sarawak Museum.

Lonchura leucogastra manueli Parkes

Proc. U.S. Nat. Mus. 108 : 280, Oct. 21, 1958.

201273. Adult male. Near Isabela, Basilan Island, Philippine Islands. Jan. 26, 1906. Collected by Edgar A. Mearns. Original number 13903.

Munia punctulata particeps Riley

Proc. Biol. Soc. Washington 33: 57, July 24, 1920.

=*Lonchura punctulata particeps* (Riley). See Stresemann, Journ. für Orn. 88: 37, 1940.

251332. Adult male. Rano Lindu, near the Lindu Lake (about lat. 1°17′ S., long. 120°04′ E.), central Celebes. March 15, 1917. Collected by Harry C. Raven. Original number 3920.

Lonchura malacca deignani Parkes

Proc. U.S. Nat. Mus. 108 : 290, Oct. 21, 1958.

350467. Adult male. Muang Chiang Rai (lat. 19°55′ N., long. 99°50′ E.), elev. 1,214 ft., Chiang Rai Province, northern Thailand. May 8, 1936. Collected by Herbert G. Deignan. Original number 1297.

Lonchura grandis heurni Hartert

Nova Guinea [Résultats des Expéditions scientifiques à la Nouvelle Guinée] 15 [Zoologie] (5) : 476, 1932.

334930. Subadult male. Batavia-bivak (a camp on the Mamberano River, 12 miles below the mouth of the Idenburg River), northwestern Dutch New Guinea. Dec. 7, 1920. Collected by W. C. van Heurn. Received from the Zoological Museum & Laboratory, Bogor.

334931. Adult male. Same data as No. 334930.

334932. Adult female. Same data as No. 334930.

334933. Subadult female. Same data as No. 334930.

Hartert based this name upon a series of 14 adults, males and females, and 8 subadults, males and females. All were taken by van Heurn at the same time and place, from a single flock, and, owing to lack of time, they were not skinned, but mummified. Since no individual was specified by Hartert as the type, all 22 may be considered cotypes.

It should be noted that No. 334931 bears, upon its original label, in Hartert's own hand, the words "Typus von :/*Lonchura grandis heurni* Hart." It may be assumed that the author, merely by oversight, failed to designate this specimen, at his original description, as the type.

Munia maja simalurensis Oberholser

Journ. Washington Acad. Sci. 16 (19) : 521, Nov. 18, 1926.

=*Lonchura maja maja* (Linnaeus). See Ripley, Bull. Mus. Comp. Zool. 94: 414, 1944.

179369. Adult male. Simalur Island, Barussan Islands, eastern Indian Ocean off Sumatra. Nov. 22, 1901. Collected by William L. Abbott.

Munia maja zapercna Oberholser

Journ. Washington Acad. Sci. 16 (19) : 521, Nov. 18, 1926.

=*Lonchura maja maja* (Linnaeus). See Chasen, Handlist of Malaysian birds, p. 290, 1935; Delacour, Zoologica, New York 28: 83, 85, 1943.

220192. Adult male. Sawarna (lat. 6°58′ S., long. 106°18′ E.), Bantam Residency, West Java Province, Java. Nov. 2, 1909. Collected by William Palmer. Original number 1944. Received from Otto Bryant.

Family ICTERIDAE: Blackbirds, Troupials

Genus OCYALUS Waterhouse

Zarhynchus wagleri mexicanus Ridgway

Proc. Washington Acad. Sci. 3: 151, Apr. 15, 1901.

=*Ocyalus wagleri wagleri* (G. R. Gray). See Hellmayr, Catalogue of birds of the Americas 10: 2 (footnotes 3, 4), 1937.

144561. Adult male. Motzorongo, State of Vera Cruz, México. Feb. 26, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 1755. Received from the U.S. Fish and Wildlife Service.

Genus GYMNOSTINOPS Sclater

Gymnostinops cassini Richmond

Auk 15 (4) : 327, October 1898.

17847. Adult male. "Camp Albert" (on the Río Truandó below the Cordillera de Baudó), Intendency of the Chocó, Colombia. 1857 or 1858. Collected by Arthur C. V. Schott. Original number 162. U.S. Survey of the Río Atrato.

Genus TANGAVIUS Lesson

Callothorus [*sic*] **æneus assimilis** Nelson

Auk 17 (3) : 266, July 1900.

=*Tangavius aeneus assimilis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 10: 51, 1937.

144490. Adult male. Acapulco, State of Guerrero, México. Jan. 25, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2520. Received from the U.S. Fish and Wildlife Service.

Genus MOLOTHRUS Swainson

Molothrus venezuelensis Stone

Auk 8 (4) : 347, October 1891.

=*Molothrus bonariensis venezuelensis* Stone. See Hellmayr, Catalogue of birds of the Americas 10 : 64, 1937.

88423. Adult mal. Lake Valencia, State of Carabobo, Venezuela. Prior to December 1874 (when von Berlepsch purchased it in Leipzig). Collected by Anton Goering. Received from Hans von Berlepsch, in whose private collection it was No. 614.

Molothrus rufo-axillaris Cassin

Proc. Acad. Nat. Sci. Philadelphia 18: 23 (not earlier than March 27), 1866.

12390. Adult (sex not indicated). Province of Buenos Aires, Argentina. Entered into the museum register on July 14, 1859. Collected by Christopher D. (not J.) Wood. Original number 33. U.S. Survey of the Río La Plata (1858–18–).

The oldest label borne by this specimen has printed on its label the words "U.S. Steamer Argentina./Capt. T. J. Page, U.S.N." Information on this ship is given by Page, in La Plata, The Argentine Confederation, and Paraguay (1859, p. xxii).

Dolichonyx fuscipennis Cassin

Proc. Acad. Nat. Sci. Philadelphia 18: 16 (not earlier than Mar. 27), 1866.

=*Molothrus badius fringillarius* (von Spix). See Hellmayr, Catalogue of birds of the Americas 10: 71, 1937.

36729. Adult male. State of Ceará, Brazil. Entered into the museum register on Mar. 29, 1865. Received from the Museu Nacional, Rio de Janeiro.

36730. Adult female. Same data as No. 36729.

Genus QUISCALUS Vieillot

Quiscalus æneus Ridgway

Proc. Acad. Nat. Sci. Philadelphia, for 1869: 134, text-fig. 2 (not earlier than June 29), 1869.

=*Quiscalus quiscula versicolor* Vieillot. See Wetmore, Proc. U.S. Nat. Mus. 86 : 230–231, 1939; A.O.U. Checklist of North American Birds, ed. 5, p. 539, 1957.

46634. Adult male. Mount Carmel, Wabash County, Illinois. Mar. 30, 1867. Collected by Robert Ridgway. Original number 1216. Received from Robert Ridgway.

Both Nos. 46634 and 46636 (an adult female) have been labeled by Ridgway as "Type of species," but the description of this form is based wholly upon the male, and the female must accordingly be considered merely a paratype. Ridgway's text figure purports to be taken from No. 46643; the number given is a misprint for 46634.

Quiscalus aglaeus Baird

American Journal of Science and Arts (2) 41 (121) : 84, January 1866.

=*Quiscalus quiscula quiscula* (Linnaeus). See Wayne, Auk 35: 440, 1918.

6529. Adult male. Key Biscayne, Dade County, Florida. Apr. 8, 1857. Collected by Gustavus Würdemann.

10337. Adult male. Cape Florida, Key Biscayne, Dade County, Florida. Apr. 15, 1858. Collected by Gustavus Würdemann.

10341. Adult male. Apr. 9, 1858. Other data same as for No. 10337.

10342. Adult male. May 18, 1858. Other data same as for No. 10337.

Quiscalus aglaeus Baird, 1866, was a new name for the bird misidentified by Baird (Rep. Expl. and Surv. R.R. Pac. 9: 556, 1858) as *Quiscalus baritus* (Linnaeus), and the cotypes of *aglaeus* must be the males then listed by Baird (*op. cit.*, p. 557). There were originally seven of these, but Nos. 10335 and 10336 have vanished from the collection without trace; No. 10340 was sent in 1859 to George N. Lawrence and is probably now in the American Museum of Natural History, New York.

Quiscalus brachypterus Cassin

Proc. Acad. Nat. Sci. Philadelphia 18: 406 (early in) 1867.

=*Quiscalus niger brachypterus* Cassin. See Bond, Checklist of birds of the West Indies, ed. 3, p. 153, 1950.

39624. Adult male. Puerto Rico ("N. Side"). Entered into the museum register on Nov. 10, 1865. Collected by Robert Swift.

Although this form was established upon a series of 17 specimens, of which no fewer than 16 were the property of the Smithsonian Institution (the other, of the Academy of Natural Sciences of Philadelphia), all but the one here listed have disappeared from the collection without trace. Among the missing are Nos. 39612 to 39618 (collected by George Latimer) and Nos. 39619 to 39623 and No. 39625 (collected by Robert Swift).

Quiscalus guadeloupensis Lawrence

Proc. U.S. Nat. Mus. 1: 457, Apr. 30?, 1879.

=*Quiscalus lugubris guadeloupensis* Lawrence. See Bond, Checklist of birds of the West Indies, ed. 3, p. 153, 1950.

76486. Adult male. Guadeloupe Island, Leeward Islands, Caribbean Sea. September 1878. Collected by Frederick A. Ober. Original number 905.

76487. Adult female. Guadeloupe Island, Caribbean Sea. October 1878. Collected by Frederick A. Ober. Original number 930.

Holoquiscalus martinicensis Ridgway

Proc. Washington Acad. Sci. 3: 151, Apr. 15, 1901.

=*Quiscalus lugubris guadeloupensis* Lawrence. See Hellmayr, Catalogue of birds of the Americas 10: 86, 1937; Bond, Checklist of birds of the West Indies, ed. 3, p. 153, 1950.

75156. Adult male. Martinique Island, Windward Islands, Caribbean Sea. July or August 1878. Collected by Frederick A. Ober.

Although Ridgway had six adult males from Martinique, for his type he chose the only one without date or original number!

Quiscalus luminosus Lawrence

Ann. New York Acad. Sci. 1 (5–6): 162, July 1878.

=*Quiscalus lugubris luminosus* Lawrence. See Bond, Checklist of birds of the West Indies, ed. 3, p. 154, 1950.

74124. Adult male. Grenada Island, Windward Islands, Caribbean Sea. April 1878. Collected by Frederick A. Ober. Original number 565.

74126. Adult female. Grenada Island, Caribbean Sea. April 1878. Collected by Frederick A. Ober. Original number 566.

Quiscalus insularis Richmond

Proc. U.S. Nat. Mus. 18: 675, Aug. 12, 1896.

=*Quiscalus lugubris insularis* Richmond, *fide* Deignan (MS.).

151733. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 3, 1895. Collected by Wirt Robinson. Original number 407.

Genus CASSIDIX Lesson

Scaphidurus major nelsoni Ridgway

Proc. Washington Acad. Sci. 3: 151, Apr. 15, 1901.

=*Cassidix mexicanus nelsoni* (Ridgway). See Van Rossem, Occas. Pap. Mus. Zool. Louisiana State Univ. 21: 236, 1945.

164596. Adult female. Álamos (lat. 27°01′ N., long. 108°58′ E.), State of Sonora, México. Jan. 27, 1899. Collected by Edward A. Goldman. Original number 6140. Received from the U.S. Fish and Wildlife Service.

Quiscalus macrourus obscurus Nelson

Auk 17 (3): 267, July 1900.

=*Cassidix mexicanus obscurus* (Nelson). See Hellmayr, Catalogue of birds of the Americas 10: 89, 1937.

144595. Adult female. Acapulco, State of Guerrero, México. Jan. 14, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2483. Received from the U.S. Fish and Wildlife Service.

Genus EUPHAGUS Cassin

Euphagus carolinus nigrans Burleigh and H. L. Peters

Proc. Biol. Soc. Washington 61: 121, June 16, 1948.

394218. Adult male. Stephenville Crossing (at the head of St. Georges Bay), southwestern Newfoundland Province, Canada. May 20, 1947. Collected by Thomas D. Burleigh. Original number 10329. Received from the U.S. Fish and Wildlife Service.

Genus ICTERUS Daudin

Icterus pyrrhopterus compsus Oberholser

Proc. U.S. Nat. Mus. 25: 68, Aug. 30, 1902.

=*Icterus cayanensis periporphyrus* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 10: 112, 1937.

60595. Adult male. Cuiabá, State of Mato Grosso, Brazil. —— 8, 1824. Collected by Johann Natterer. Original number 570. Received from the Naturhistorisches Museum, Vienna.

Icterus pyrrhopterus argoptilus Oberholser

Proc. U.S. Nat. Mus. 25: 68, Aug. 30, 1902.

=*Icterus cayanensis pyrrhopterus* (Vieillot). See Hellmayr, Catalogue of birds of the Americas 10: 112, 114, 1937.

55749. Adult male. Conchitas (a station of the Ferrocarril del Sud, which, on Dec. 28, 1930, was officially renamed Estación Hudson), near Quilmes, Province of Buenos Aires, Argentina. September 1868. Collected by William H. Hudson. Original number 79.

Icterus dominicensis. Var. **portoricensis** H. Bryant

Proc. Boston Soc. Nat. Hist. 10: 254 (not earlier than April), 1866.

=*Icterus dominicensis portoricensis* Bryant. See Hellmayr, Catalogue of birds of the Americas 10: 119, 1937.

36523. Adult (sex not indicated). Puerto Rico. Winter, 1864–1865. Collected by Robert Swift.

36524. Adult (sex not indicated). Same data as No. 36523.

36525. Adult (sex not indicated). Same data as No. 36523.

36534. Adult (sex not indicated). Same data as No. 36523.

Bryant had 13 cotypes collected by Swift and entered into the register on Mar. 27, 1865 (Nos. 36522–36534) and possibly 19 others collected by either Swift or Latimer and entered into the register on Nov. 10, 1865 (Nos. 39587–39605).

On the assumption that only the earlier lot lay before him, and that these alone are cotypes, I have listed all that can now be found in the collection. No. 36522 was sent on Sept. 25, 1882, to Hans von Berlepsch; No. 36526 was sent on June 10, 1868, to the Boston Society of Natural History and is now No. 46539 of the Museum of Comparative Zoology; No. 36533 was destroyed in October 1881; the remainder have vanished without trace, but may have been presented to Bryant, who replaced their original labels with his own.

Icterus oberi Lawrence

Proc. U.S. Nat. Mus. 3: 351, Dec. 30, 1880.

81066. Adult male. Montserrat Island, Leeward Islands, Caribbean Sea. Entered into the museum register on Dec. 9, 1880. Collected by Frederick A. Ober. Original number 280.

81068. Adult female. Original number 282. Other data same as for No. 81066.

81067. Immature male. Original number 281. Other data same as for No. 81066.

Lawrence stated that he had seen seven specimens, but he wrote the word "Type" on the labels of these three only.

Icterus wagleri P. L. Sclater

Proc. Zool. Soc. London 25: 7, May 26, 1857.

=*Icterus wagleri wagleri* Sclater. See Hellmayr, Catalogue of birds of the Americas 10: 122, 1937.

4058. Adult male. Saltillo, State of Coahuila, México. May 1853. Collected by Darius N. Couch. Original number 3.

Icterus wagleri is really only a new name for *Psarocolius flavigaster* Wagler, 1827, not *Pendulinus flavigaster* Vieillot, 1816, but Sclater drew up a new description from a series of specimens, which accordingly became the types of *wagleri* Sclater.

The form was named in a paper entitled "Notes on the Birds in the Museum of the Academy of Natural Sciences of Philadelphia, and other Collections in the United States of America," and the description (for which no type is specifically mentioned) is followed by: "There are examples of this bird at the Smithsonian Institution collected by Lieut. Couch in Coahuila. I have likewise examples of it in my own collection."

In Sclater's "Catalogue of a Collection of American Birds" (pp. 131–132, 1862) we find the two skins of *I. wagleri* from "Mexico" in his private collection listed as "types of the species, as described *l. c.*" The same author, in the "Catalogue of the birds in the British Museum" (11: 373, 1886), states that but one of these is "Type of the species."

Goode (U.S. Nat. Mus. Bull. 49: 91, 1896) avers that the type of *Icterus wagleri* is a bird from Coahuila in the Academy of Natural Sciences of Philadelphia, but this is in error, since Sclater did not mention that he had seen a specimen at that museum.

Although the author referred to *specimens* at the Smithsonian Institution, there was, in fact, only one in Couch's collection. In short, there were but three cotypes, two in London and one in Washington, and if any of the three is to be made a lectotype, it should be our No. 4058, the only one whose label carries usable data.

Icterus scottii Couch

Proc. Acad. Nat. Sci. Philadelphia 7 (2) : 66 (not earlier than Apr. 25), 1854.

=*Icterus parisorum* Bonaparte. See Hellmayr, Catalogue of birds of the Americas 10:121, 1937.

4056. Adult male. Santa Catarina, State of Nuevo León, México. April 1853. Collected by Darius N. Couch. Original number 185.

Although Couch gave the range of this bird as "Western New Leon and Coahuila," no specimen from the latter state seems to have reached the museum.

Icterus cucullatus nelsoni Ridgway

Proc. U.S. Nat. Mus. 8: 19, May 6, 1885.

=*Icterus cucullatus californicus* (Lesson). See Hellmayr, Catalogue of birds of the Americas 10: 150, 1937.

98992. Adult male. Tucson, Pima County, Arizona. Apr. 20 (not 26), 1884. Collected by Edward W. Nelson.

Icterus cucullatus sennetti Ridgway

Proc. Washington Acad. Sci. 3: 152, Apr. 15, 1901.

73654. Adult male. Brownsville, Cameron County, Texas. Apr. 3, 1877. Collected by George B. Sennett. Original number 143.

Icterus cucullatus igneus Ridgway

Proc. U.S. Nat. Mus. 8:19, May 6, 1885.

100111. Adult (apparently male). State of Yucatán, México. Entered into the museum register on Oct. 7, 1884. Collected by George F. Gaumer.

100276. Adult male. State of Yucatán, México. September 1883. Collected by George F. Gaumer. Received from Charles K. Worthen.

100277. Adult male. Same data as No. 100276.

100278. Adult male. Same data as No. 100276.

102210. Adult male. State of Yucatán, México. Entered into the museum register on Jan. 31, 1885. Collected by George F. Gaumer. Received from Charles K. Worthen.

102211. Adult male. Same data as No. 102210.

Ridgway, after briefly describing this form, observed: "It may be necessary to separate the Yucatan birds . . ., but having only six specimens, and those in somewhat worn plumage, I would not under the circumstances feel justified in making the separation." In the following sentence his resolution had so far weakened as to permit him to give them a name, and thus to fulfil all the requirements of what he felt unjustified in doing, with the important exception of designation of a type specimen!

Of the six birds, Richmond has at some time labeled No. 100111 as the type; he has, in short, elevated to highest rank the one specimen of six that lacks indication of sex and date of collection. From my point of view, all are equivalent cotypes.

Icterus cucullatus duplexus Nelson

Proc. Biol. Soc. Washington 14: 173, Sept. 25, 1901.

167644. Adult male. Mujeres Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. Mar. 24, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7885. Received from the U.S. Fish and Wildlife Service.

Icterus cucullatus cozumelæ Nelson

Proc. Biol. Soc. Washington 14: 173, Sept. 25, 1901.

=*Icterus cucullatus cozumelae* Nelson. See Hellmayr, Catalogue of birds of the Americas 10: 153, 1937.

167652. Adult female. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. Apr. 11, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 8114. Received from the U.S. Fish and Wildlife Service.

Icterus audubonii Giraud

Description of sixteen new species of North American birds, [p. 3,] 1841.

=*Icterus graduacauda audubonii* Giraud. See Hellmayr, Catalogue of birds of the Americas 10: 143, 1937.

44704 (reentered as 52357). Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

When Baird entered the Giraud types into the register on July 11, 1867, he found that *Icterus audubonii* was "not yet sent," but nevertheless reserved for it the number 47704. Upon its arrival at the end of July 1868, someone, unaware that it already possessed a number, enregistered it with the new number 52357.

Icterus curasoënsis Ridgway

Proc. U.S. Nat. Mus. 7: 174, Sept. 1, 1884.

=*Icterus nigrogularis curasoensis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 10: 135, 1937.

97913. Adult male. Curaçao Island, Caribbean Sea off the State of Falcón, Venezuela. Feb. 10–18, 1884. Collected by James E. Benedict and Willard Nye, Jr. Received from the U.S. Fish Commission.

Icterus Graysonii Cassin

Proc. Acad. Nat. Sci. Philadelphia 19: 48 (not earlier than Apr. 30), 1867.

=*Icterus pustulatus graysonii* Cassin. See Hellmayr, Catalogue of birds of the Americas 10: 154, 1937.

37376. Adult male. Tres Marías Islands, off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 91.

37377. Adult female. Tres Marías Islands, off the State of Nayarit, México. January 1865. Collected by Andrew J. Grayson. Original number 92.

Icterus formosus Lawrence

Ann. Lyc. Nat. Hist. New York 10 (6–7): 184 (not earlier than May), 1872.

=*Icterus pustulatus formosus* Lawrence. See Hellmayr, Catalogue of birds of the Americas 10: 155 (footnote 1), 1937.

90164. Adult male. Santa Efigenia (not "Tuchitan"), State of Oaxaca, México. June 24, 1871. Collected by A. L. François Sumichrast. Original number 1192.

57594. Adult female. Santa Efigenia (not "Tuchitan"), State of Oaxaca, México. Dec. 27, 1868. Collected by A. L. François Sumichrast. Original number 336.

Lawrence wrote "Type" on the label of each of these specimens.

Icterus pectoralis espinachi "Nutting (MS.)" Ridgway

Proc. U.S. Nat. Mus. 5: 392, Sept. 16, 1882.

=*Icterus pectoralis espinachi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 10: 145, 1937.

87361. Adult male. Hacienda "La Palma" (about 10 miles northwest of Colorado), Province of Guanacaste?, Costa Rica. Apr. 17, 1882. Collected by Charles C. Nutting. Original number 208.

See my remarks under *Myiarchus nuttingi* Ridgway (p. 277).

Icterus gularis tamaulipensis Ridgway

Proc. Washington Acad. Sci. 3: 152, Apr. 15, 1901.

135168. Adult male. Altamira, near Tampico, State of Tamaulipas, México. Oct. 17, 1894. Collected by Frank B. Armstrong. Received from Walter F. Webb.

Icterus Salvinii Cassin

Proc. Acad. Nat. Sci. Philadelphia 19: 51 (not earlier than Apr. 30), 1867.

=*Icterus mesomelas salvinii* Cassin. See Hellmayr, Catalogue of birds of the Americas 10: 124, 1937.

41400. Adult male. Turrialba, Province of Cartago, Costa Rica. May 27, 1865. Collected by Julián Carmiol.

33369. Subadult (sex not indicated). Comandancia de San Carlos (at the confluence of the Río Arenal with the Río San Carlos), Province of Alajuela, Costa Rica. Entered into the museum register on Mar. 24, 1864. Collected by Julián Carmiol.

40423. Adult (sex not indicated). Greytown=San Juan del Norte, Department of Chontales, Nicaragua. Entered into the museum register on Dec. 25, 1865. Collected by H. E. Holland. Original number 18.

Cassin's series was composite, including birds later to be named *Icterus mesomelas carrikeri* Todd. The type locality of *salvinii* was inferentially restricted to "Costa Rica" by Stone (Proc. Acad. Nat. Sci. Philadelphia 51: 34, 1899), and accordingly only those skins seen by Cassin from Costa Rica and Nicaragua may now be considered cotypes. In addition to the three listed above, there was, in Washington, No. 33368 (with all data as for No. 33369), now vanished from the collection, and in Philadelphia are Nos. 3449 and 3452, from "Costa Rica."

Stone (*loc. cit.*) has claimed his No. 3449 as the type, but if any specimen is to be made a lectotype, clearly it must be one of those in Washington possessed of full data.

Icterus mesomelas taczanowskii Ridgway

Proc. Washington Acad. Sci. 3: 153, Apr. 15, 1901.

101265. Adult (sex not indicated). "Guayaquil, Ecuador," error="the interior of Ecuador" (*fide* Jones, *in epist.* Nov. 11, 1884). Entered into the museum register on Jan. 5, 1885. Received from William H. Jones, who acquired it, with other birds, from "Mr. Cartright Agt. P.S.N. Co. Guayaquil as a gift" (*in epist. cit.*).

Genus AGELAIUS Vieillot

Icterus tricolor Audubon

Birds of America (folio), pl. 388, fig. 1, 1837.

=*Agelaius tricolor* (Audubon). See Grinnell, Univ. California Publ. Zool. 38: 302, 1932.

2836. Adult male. Santa Barbara, Santa Barbara County, California. April? 1836. Collected by Thomas Nuttall. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Agelaius phœniceus arctolegus Oberholser

Auk 24 (3): 332, July 1907.

=*Agelaius phoeniceus arctolegus* Oberholser. See Hellmayr, Catalogue of birds of the Americas 10: 159, 160, 1937.

195233. Adult female. Fort Simpson (at the confluence of the Liard River with the Mackenzie), District of Mackenzie, Northwest Territories, Canada. May 26, 1904. Collected by Edward A. Preble. Original number 1783. Received from the U.S. Fish and Wildlife Service.

Agelaius phœniceus caurinus Ridgway

Proc. Washington Acad. Sci. 3: 153, Apr. 15, 1901.

=*Agelaius phoeniceus caurinus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 10: 161, 1937.

153275. Adult female. Cedar Hill ("a district lying about three miles north of Victoria in the vicinity of a 575 foot eminence sometimes called Cedar Hill but correctly referred to as Mount Douglas," *fide* David A. Munro, *in epist.*), Vancouver Island, British Columbia, Canada. Apr. 19, 1895. Collected by "Mus." Original number 665. Received from the Provincial Museum, Victoria, B.C.

"Mus." may mean that the bird was collected by some member of the museum staff, possibly John Fannin, but no light is thrown upon this by records now available at the Provincial Museum (*fide* C. J. Guiguet, *in epist.*).

Agelaius gubernator californicus Nelson

Auk 14 (1): 59, January 1897.

=*Agelaius phoeniceus californicus* Nelson. See Grinnell, Univ. California Publ. Zool. 38: 301, 1932.

74278. Adult female. Stockton, San Joaquin County, California. Apr. 17, 1878. Collected by Lyman Belding.

One wing of a male, its mate, is attached to this specimen.

Agelaius phœniceus neutralis Ridgway

Proc. Washington Acad. Sci. 3: 153, Apr. 15, 1901.

=*Agelaius phoeniceus neutralis* Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 302, 1932.

134297. Adult female. Jacumba, San Diego County, California. May 26, 1894. Collected by Edgar A. Mearns. Original number 10933. United States-Mexican International Boundary Commission.

A[gelaius]. phœniceus sonoriensis Ridgway
Manual of North American birds, p. 370, September 1887.
=*Agelaius phoeniceus sonoriensis* Ridgway. See Van Rossem, Condor 28: 226, 227, 1926.

4598. Adult (apparently female). Colorado River, Imperial County, California. March 1854. Collected by Arthur C. V. Schott. Original number 50. United States-Mexican Boundary Survey (1851–1855).

4600. Immature female. Colorado River, Imperial County, California. 1854? Collected by Arthur C. V. Schott. Original number 50. United States-Mexican Boundary Survey (1851–1855).

49771. Immature female (not male). Camp Grant ("60 miles east of Tucson"), Pima or Cochise County, Arizona. February 10, 1867. Collected by Edward Palmer.

58278. Adult male. Mazatlán, State of Sinaloa, México. Apr. 1, 186– (entered into the museum register in July 1869). Collected by Andrew J. Grayson. Original number 1196.

58281. Adult female. Mazatlán, State of Sinaloa, México. Mar. 30, 186– (entered into the museum register in July 1869). Collected by Andrew J. Grayson.

58283. Adult female. Mazatlán, State of Sinaloa, México. 186– (entered into the museum register in July 1869). Collected by Andrew J. Grayson. Original number 1195.

58284. Adult female. Original number 1193. Other data same as for No. 58283.

58285. Adult female. Original number 1194. Other data same as for No. 58283.

Ridgway stated that he had examined 12 females and 1 male of this race, of which he gave the range as "Northwestern Mexico and lower Colorado Valley, in southern California and Arizona; south to Mazatlan." The 8 specimens listed above were all available for Ridgway's use in 1887, but only presumably belong with the form currently known as *sonoriensis*.

The type locality was restricted to Mazatlán by Ridgway (Birds of North and Middle America 2: 338, 1902). This means that the lectotype should be drawn from the 5 specimens last listed above, and preferably from the last 4 (females). No. 49771, however, carries a red type label on which Ridgway himself has at some time written "*Agelaius phoeniceus sonoriensis* Ridgw." For this reason, Camp Grant, Arizona, has been adopted as type locality of *sonoriensis*, and we find ourselves with a single topotype, immature and possibly unidentifiable to subspecies. Ridgway's original restriction to Mazatlán should again be honored.

Nos. 4600 and 58285 at some time entered Ridgway's private collection and then suffered loss of their original labels.

Agelaius phoeniceus nyaritensis Dickey and Van Rossem
Proc. Biol. Soc. Washington 38: 131, Nov. 13, 1925.
157471. Adult male. Santiago Ixcuintla, State of Nayarit, México. June 14, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4489. Received from the U.S. Fish and Wildlife Service.

Agelaius phœniceus grandis Nelson
Auk 14 (1) : 57, January 1897.
=*Agelaius phoeniceus gubernator* (Wagler). See Hellmayr, Catalogue of birds of the Americas 10: 170, 171, 1937.
144780. Adult female. Atlixco, State of Puebla, México. July 29, 1893. Collected by Edward W. Nelson. Original number 1435. Received from the U.S. Fish and Wildlife Service.

Agelaius phœniceus richmondi Nelson
Auk 14 (1) : 58, January 1897.
=*Agelaius phoeniceus richmondi* Nelson. See Hellmayr, Catalogue of birds of the Americas 10: 170, 1937.
144766. Adult female. Tlacotalpam, State of Veracruz, México. Apr. 21, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 1959. Received from the U.S. Fish and Wildlife Service.

Agelaius phoeniceus megapotamus Oberholser
Wilson Bull. 31 (1) : 20, March 1919.
207912. Adult female. Brownsville, Cameron County, Texas. Feb. 17, 1911. Collected by Albert K. Fisher. Original number 7093. Received from the U.S. Fish and Wildlife Service.

Agelaius phœniceus fortis Ridgway
Proc. Washington Acad. Sci. 3: 153, Apr. 15, 1901.
=*Agelaius phoeniceus fortis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 10: 160, 1937.
88092. Adult female. Omaha, Douglas County, Nebraska. Mar. 9, 1878. Collected by Robert W. Shufeldt. Original number 204.

Agelaius phoeniceus littoralis Howell and Van Rossem
Auk 45 (2) : 157, Apr. 16, 1928.
298920. Adult female. Santa Rosa Island (at a point opposite Mary Esther, on the mainland), Okaloosa County, Florida. Apr. 19, 1926. Collected by Arthur H. Howell. Original number 2102. Received from the U.S. Fish and Wildlife Service.

Agelaius phoeniceus mearnsi Howell and Van Rossem
Auk 45 (2) : 159, Apr. 16, 1928.
176936. Adult female. "Alligator Bluff," Kissimmee River, Osceola County, Florida. Apr. 27, 1901. Collected by Edgar A. Mearns. Original number 12560.

A[gelaius]. phœniceus bryanti Ridgway

Manual of North American Birds, p. 370, September 1887.

=*Agelaius phoeniceus bryanti* Ridgway. See Bond, Check-list of birds of the West Indies, ed. 3, p. 157, 1950.

106121. Adult male. Bahama Islands. Entered into the museum register on December 4, 1886. Collected by (or for) Henry Bryant. Original number 609. Received from the Henry Bryant Collection.

106122. Immature (sex not indicated, but apparently male). Bahama Islands. Entered into the museum register on Dec. 4, 1886. Collected by (or for) Henry Bryant. Original number 608. Received from the Henry Bryant Collection.

108546. Immature female. Great Abaco Island, Bahama Islands. Apr. 5, 1886. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

108547. Immature female. Great Abaco Island, Bahama Islands. Mar. 26, 1886. Collected by Willard Nye, Jr. Received from the U.S. Fish Commission.

Nos. 106121 and 106122 are skins from the Bryant Collection that had lain in the museum for some time before it was discovered that they had never been entered into the register.

Ridgway included, in his original series, an adult pair from Miami, and an adult female from Key West; these specimens are now considered representative of *Agelaius phoeniceus floridanus* Maynard, and have accordingly lost their status as cotypes of *bryanti.*

Agelaius quisqueyensis Danforth and Emlen

Proc. Biol. Soc. Washington 40: 147, Dec. 2, 1927.

=*Agelaius humeralis* (Vigors). See Hellmayr, Catalogue of birds of the Americas 10: 171, 1937; Bond, Check-list of birds of the West Indies, ed. 3, p. 157, 1950.

311369. Adult male. Artibonite Sloughs, near Saint Marc, Haiti, Island of Hispaniola. July 29, 1927. Collected by Stuart T. Danforth. Original number S.D. 684. Received from Stuart T. Danforth, in whose private collection it was No. 534.

Agelaius xanthomus monensis Barnés

Auk 62 (2): 299, Apr. 16, 1945.

377479. Adult male. Mona Island (in the Mona Passage, 48 miles off the western coast of Puerto Rico), Caribbean Sea. Apr. 6, 1944. Collected by Ventura Barnés, Jr. Original number 887. Received from Ventura Barnés, Jr.

Genus NESOPSAR P. L. Sclater

[Icterus] nigerrimus Osburn

Zoologist 17: 6662, 1859.

=*Nesopsar nigerrimus* (Osburn). See Hellmayr, Catalogue of birds of Americas 10: 185, 1937.

23338. Adult female. Freeman's Hall, Trelawny Parish, Cornwall County, Jamaica. Feb. 11, 1859. Collected by W. Osburn. Original number 83. Received from Philip L. Sclater.

Osburn had four specimens, of which ours was the fourth taken. All came into the possession of Philip L. Sclater, from whom we acquired our No. 23338 in January 1862; the three others remained in his hands and were listed by him in Catalogue of a Collection of American Birds, p. 139, May 1862. These three are now deposited in the British Museum (Natural History), and one of them, an adult male, has been designated "Type of the species" by Sclater (Catalogue of the birds in the British Museum 11: 354, 1886). Sclater's lectotype is, however, but one of four equivalent cotypes. Hellmayr (*loc. cit.*) states that the type locality is "lower mountains of Jamaica," but this results from careless perusal of Osburn's article. The one example seen in "the lower mountains" was not procured; the four taken "during the first six weeks of the year" were all from Freeman's Hall, in "The Black Grounds," which must then be considered the type locality.

Genus LEISTES Vigors

Leistes erythrothorax "(Natterer)" von Pelzeln

Zur Ornithologie Brasiliens 3: 197, 326, January 1870.

=*Leistes militaris militaris* (Linnaeus). See Hellmayr, Catalogue of birds of the Americas 10: 197, 1937.

60589. Adult male. Rio Madeira (in the vicinity of the mouth of the Rio Mahici), State of Amazonas, Brazil. Nov. 16, 1829. Collected by Johann Natterer. Original number "612"=1123. Received from the Naturhistorisches Museum, Vienna.

60588. Adult female. Praia de Cajútuba, State of Pará, Brazil. March or April 1835. Collected by Johann Natterer. Original number "835"=1123. Received from the Naturhistorisches Museum, Vienna.

This name was bestowed upon a series of 20 specimens, from several localities. Hellmayr (*loc. cit*) states that the type, from Cajútuba, is in the Vienna Museum, but in fact all of the original series are quivalent cotypes.

Genus STURNELLA Vieillot

Sturnella magna alticola Nelson

Auk 17 (3): 266, July 1900.

144524. Adult male. Ocuilapa, State of Chiapas, México. Aug. 21, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2975. Received from the U.S. Fish and Wildlife Service.

Sturnella magna inexspectata Ridgway

Proc. U.S. Nat. Mus. 10: 587, Aug. 6, 1885.

112127. Adult male. Río Segovia, Honduras or Nicaragua (the south bank is Nicaragua, and the north bank, except at the mouth, is contested territory). July 19, 1887. Collected by Charles H. Townsend. Original number 2029.

Ridgway's classical orthography of the subspecific name has been, even by himself, quite unnecessarily emended to *inexpectata.*

Sturnella neglecta confluenta Rathbun

Auk 34 (1): 68, Jan. 2, 1917.

364855. Adult male. Seattle, King County, Washington. Apr. 5, 1895. Collected by Samuel F. Rathbun. Original number 105. Received from the U.S. Fish and Wildlife Service, which acquired it from Samuel F. Rathbun.

Sturnella neglecta Audubon

Birds of America 7: 339, pl. 489, 1844.

1939. Adult male. Fort Union (near the confluence of the Yellowstone River with the Missouri), Williams or McKenzie County, North Dakota (see my comments under *Alauda Spragueii*, p. 474). June 30, 1843. Collected by John J. Audubon. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Genus DOLICHONYX Swainson

Dolichonyx oryzivorus, var. albinucha Ridgway

Bull. Essex Inst. 5 (11): 192, November 1873.

=*Dolichonyx oryzivorus* (Linnaeus). See Hellmayr, Catalogue of birds of the Americas 10: 220, 1937.

61728. Adult male. Ogden, Weber County, Utah. June 17, 1872. Collected by C. Hart Merriam. Original number 85. U.S. Geological Survey of the Territories, 1872.

In the original description, no type was designated, but the range was given as "Missouri Plains and Rocky Mountains, west to Ruby Valley, Nevada; Salt Lake Valley." Fortunately, the race was redescribed in the same journal on page 198, where we find "(Type, No. 1739, Mus. R.R., ♂ *ad.*, Ogden, Utah.)."

It is not at all easy to follow Ridgway's reasons for making this specimen the type. It became part of the national collection sometime between July and October 1872, and was entered into the register as No. 61728. Before November 1873, when *albinucha* was described, it had been transferred into Ridgway's private collection as his No. 1739, and in the course of its translation suffered loss of Merriam's original label in favor of one of Ridgway's own, onto which only partial data were transcribed. It seems not to have occurred to the author to use as his type No. 61729, a male of almost identical data, which had never left the museum collection. The date of return of No. 61728 is now unknown.

Family THRAUPIDAE: Tanagers

Genus TANAGRA Linnaeus

Pipra galericulata Giraud

Description of sixteen new species of North American birds, [p. 21,] pl. 5, fig. 2, 1841.

=*Tanagra musica elegantissima* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 9: 21, 1936.

560. Adult (sex not indicated). "Texas." "1838." Received from Spencer F. Baird, who acquired it from John G. Bell.

47703. Adult (sex not indicated). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275). The labels carried by No. 560 lend strong support to the thesis there elaborated. On one side of the oldest we find (in Baird's least legible hand): "560 Pipra Galericulata Giraud/Texas/B[ell]. N Y 1842." On the next oldest is written the following: "Belongs to Coll. S. F. Baird/560 Euphone elegantissima. Bp ♂/Type of Pipra galericulata. Giraud/'Texas' Tamaulipas.? J. G. Bell."

Tanagra xanthogastra quitensis Nelson

Smithsonian Misc. Coll. 60 (3): 16, Sept. 27, 1912.

=*Tanagra xanthogaster quitensis* Nelson. See Hellmayr, Catalogue of birds of the Americas 9: 25, 26, 1936; Zimmer, Amer. Mus. Nov. 1225: 6, 1943.

30929. Adult (sex not indicated, but apparently male). "Quito," Ecuador. Entered into the museum register on December 18, 1863. Received from Charles R. Buckalew.

Euphonia Anneæ Cassin

Proc. Acad. Nat. Sci. Philadelphia, for 1865 (3): 172 (not earlier than Aug. 29), 1865.

=*Tanagra anneae anneae* (Cassin). See Hellmayr, Catalogue of birds of the Americas 9: 28, 1936.

39038. Adult male. Santa Rosa ("a small village near Santo Domingo de Heredia, traversed by the railway from San José to Alajuela," *fide* Carriker, Ann. Carnegie Mus. 6: 353, 1910), Province of Heredia, Costa Rica. Mar. 30 (not 3), 1865. Collected by Julián Carmiol.

Euphonia godmani Brewster

Auk 6 (2): 90, April 1889 (author's edition published on Jan. 31, 1889).

=*Tanagra godmani* (Brewster). See Hellmayr, Catalogue of birds of the Americas 9: 34, 1936.

51515. Adult male. Mazatlán, State of Sinaloa, México. March 1868. Collected by Ferdinand Bischoff.

Genus TANGARA Brisson

Calospiza florida arcæi Ridgway

Proc. Washington Acad. Sci. 3: 149, Apr. 15, 1901.

=*Tangara florida florida* (Sclater and Salvin). See Hellmayr, Catalogue of birds of the Americas 9: 95, 1936; Zimmer, Amer. Mus. Nov. 1245: 2, 1943.

146386. Adult male. Department of Veraguas, Panamá. 1875? Collected by Enrique Arcé. Received as part of the Boucard Collection.

Calliste versicolor Lawrence

Ann. New York Acad. Sci. 1 (5–6): 152 [p. 153 in separate], June 1878.

=*Tangara cucullata versicolor* (Lawrence). See Bond, Check-list of birds of the West Indies, ed. 3, p. 160, 1950.

74079. Adult male. Saint Vincent Island, Windward Islands, Caribbean Sea. February 1878. Collected by Frederick A. Ober. Original number 467.

74081. Adult female. Saint Vincent Island, Caribbean Sea. February 1878. Collected by Frederick A. Ober. Original number 466.

There were originally five cotypes, three males and two females, of which Nos. 74077, 74078, and 74080 have vanished from the collection without trace.

Tangara fucosus [*sic*] Nelson

Smithsonian Misc. Coll. 60 (3): 17, Sept. 27, 1912.

=*Tangara fucosa* Nelson. See Hellmayr, Catalogue of birds of the Americas 9: 165, 1936; Zimmer, Amer. Mus. Nov. 1245: 2, 1943.

232996. Adult male. Mount Pirri (at elev. 5,000 feet), near the head of the Río Limón, Department of Darién, Panamá. May 1, 1912. Collected by Edward A. Goldman. Original number 15640. Received from the U.S. Fish and Wildlife Service.

Genus IRIDOSORNIS Lesson

T[anagra]. analis von Tschudi

Archiv für Naturgeschichte 10 (1): 287, 1844.

=*Iridosornis analis analis* (von Tschudi). See Friedmann and Deignan, Zoologica, New York 27: 52, 1942.

41919. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

This form was described from an undisclosed number of cotypes. Hellmayr (Catalogue of birds of the Americas 9: 179, 1936) states categorically "type in Neuchâtel Museum," but this must be in error, since von Berlepsch and Hellmayr (Journ. für Orn. 53: 6–20, 1905) mention no specimen seen by them there. At least one other cotype, received as part of the Sclater Collection, is preserved in the British Museum (Natural History).

Genus BANGSIA Penard

Buthraupis caeruleigularis "Cherrie" Ridgway

Proc. U.S. Nat. Mus. 16: 609, Oct. 28, 1893.

=*Bangsia arcaei cœruleigularis* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 9: 194, 1936.

128840. Adult male. Buena Vista ("on the San Carlos River at a point about midway between the headwaters of that river and the point known as La Muelle de San Carlos," *fide* Carriker, Ann. Carnegie Mus. 6: 336, 1910), Province of Alajuela, Costa Rica. August 14 (not 4), 1892. Collected by F. (or A.) Castro and — Fernández. Original number 8287. Received from the Museo Nacional de Costa Rica, San José.

Genus DUBUSIA Bonaparte

Dubusia carrikeri Wetmore

Smithsonian Misc. Coll. 106 (16) : 11, Dec. 30, 1946.

388179. Adult male. "Between 8,500 and 9,500 feet on the south side of the main valley of the Río Guatapurí, Sierra Nevada de Santa Marta," Department of Magdalena, Colombia. Mar. 28, 1946. Collected by Melbourne A. Carriker, Jr. Original number 8160.

Genus THRAUPIS Boie

Thraupis virens caesitia Wetmore

Smithsonian Misc. Coll. 139(2) : 23, July 8, 1959.

469168. Adult female. Island of Escudo de Veraguas, Caribbean Sea off the Province of Bocas del Toro, Panamá. Mar. 2, 1958. Collected by Alexander Wetmore. Original number 22248.

Thraupis virens cumatilis Wetmore

Smithsonian Misc. Coll. 134 (9) : 94, July 8, 1957.

461334 (not 416334). Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Jan. 23, 1956. Collected by Alexander Wetmore. Original number 20419.

T[anagra]. frugilegus von Tschudi

Archiv für Naturgeschichte 10 (1) : 286, 1844.

=*Thraupis bonariensis darwinii* (Bonaparte). See Friedmann and Deignan, Zoologica, New York 27: 52, 1942.

41913. Adult (sex not indicated, but apparently male). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

At least one other cotype, received as part of the Sclater Collection, is deposited in the British Museum (Natural History), London.

Genus SPINDALIS Jardine and Selby

Spindalis zena townsendi Ridgway

Proc. U.S. Nat. Mus. 10: 3, Apr. 25, 1887.

108525. Adult male. Great Abaco Island, Bahama Islands, Mar. 26, 1886. Collected by Charles H. (not W.) Townsend. Received from the U.S. Fish Commission.

Spindalis benedicti Ridgway

Proc. Biol. Soc. Washington 3: 22 [p. 2 in extra], Feb. 26, 1885.

=*Spindalis zena benedicti* Ridgway. See Hellmayr, Catalogue of birds of the Americas 9: 241, 242, 1936.

102675. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 29, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Genus RAMPHOCELUS Desmarest

Ramphocelus dimidiatus isthmicus Ridgway

Proc. Washington Acad. Sci. 3: 150, Apr. 15, 1901.

16883. Adult male. Frijoles Station, Panamá Canal Zone. Entered into the museum register on Feb. 20, 1860. Collected by James McLeannan.

Ramphocelus dimidiatus arestus Wetmore

Smithsonian Misc. Coll. 134 (9) : 97, July 8, 1957.

461317. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Jan. 8, 1956. Collected by Alexander Wetmore. Original number 20095.

Genus PIRANGA Vieillot

Pyranga Cooperi Ridgway

Proc. Acad. Nat. Sci. Philadelphia, for 1869: 130 (not earlier than June 29), 1869.

=*Piranga rubra cooperi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 9: 273, 1936.

34344. Adult male. Los Pinos, Rio Arriba County, New Mexico. June 20, 1864. Collected by Elliott Coues. Original number 375.

34345. Adult female. Los Pinos, Rio Arriba County, New Mexico. June 22, 1864. Collected by Elliott Coues. Original number 391.

Piranga hepatica oreophasma Oberholser

Auk 36 (1) : 74, Jan. 5, 1919.

=*Piranga flava dextra* Bangs. See Sutton and Phillips, Condor 44: 277–279, 1942.

168379 (not 168397). Pine Canyon (at elev. 6,000 feet), Chisos Mountains, Brewster County, Texas. June 3, 1901. Collected by Harry C. Oberholser. Original number 290. Received from the U.S. Fish and Wildlife Service.

Pyranga figlina Salvin and Godman

Biologia Centrali-Americana, Aves 1: 293, December 1883.

=*Piranga flava figlina* Salvin and Godman. See Hellmayr, Catalogue of birds of the Americas 9: 283, 1936.

74693. Adult male. Manati River, British Honduras. 1866? Collected by Christopher D. Wood, for Karl H. Berendt. Original number 2205. Received from Henry Bryant, in whose private collection it was No. 511.

A second cotype, a female from Guatemala, was in the Salvin-Godman Collection and is now deposited in the British Museum (Natural History), London.

Pyranga testacea P. L. Sclater and Salvin

Proc. Zool. Soc. London, for 1868 (2): 388, October 1868.

=*Piranga flava testacea* Sclater and Salvin. See Hellmayr, Catalogue of birds of the Americas 9: 282, 1936.

52359. Adult male. Chitrá, Department of Veraguas, Panamá. 1868? Collected by Enrique Arcé. Original number 1537. Received from Osbert Salvin.

52360. Adult female. Calovévora, Department of Veraguas, Panamá. 1868? Collected by Enrique Arcé. Original number 1539. Received from Osbert Salvin.

Sclater and Salvin based this name upon "several skins of both sexes," all from either Chitrá or Calovévora. Sclater has listed (Catalogue of the birds in the British Museum 11: 184, 1886) two males and one female, all of which must be considered cotypes. Our birds, each labeled "*Pyranga testacea*, Scl & Salv./Typical specimen," were entered into the museum register on Oct. 21, 1868.

Piranga roseo-gularis cozumelæ Ridgway

Proc. Washington Acad. Sci. 3: 149, Apr. 15, 1901.

=*Piranga roseo-gularis cozumelae* Ridgway. See Hellmayr, Catalogue of birds of the Americas 9: 286, 1936.

102689. Adult (sex not indicated, but apparently male). Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. January 29, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

P[iranga]. leucoptera latifasciata Ridgway

Manual of North American birds, p. 457, September 1887.

=*Piranga leucoptera latifasciata* Ridgway. See Hellmayr, Catalogue of birds of the Americas 9:289, 1936.

42870. Adult (sex not indicated, but apparently male). Navarro, Province of Cartago, Costa Rica. January 1866. Collected by Juan J. Cooper. Original number 10.

47430. Adult female. Santa María de Dota, Province of Cartago, Costa Rica. Sept. 30, 1866. Collected by Julián Carmiol.

62009. Adult male. Department of Chiriquí, Panamá. Entered into the museum register on Nov. 10, 1872. Collected by Enrique Arcé. Original number 3185. Received from Osbert Salvin.

62010. Adult female. Calobre, Department of Veraguas, Panamá. Entered into the museum register on Nov. 10, 1872. Collected by Enrique Arcé. Received from Osbert Salvin.

This name was based upon an unstated number of specimens from "Costa Rica and Veragua"; the four here listed seem to have been the only ones available to Ridgway in 1887, and all must be considered equivalent cotypes. At some time unknown Ridgway made No. 62009 the lectotype, probably simply because it is a male and is less badly prepared than No. 42870. His unthinking selection leads into a curious predicament any one who attaches importance to a lectotype, since No. 62009 comes not from Veraguas, but from Chiriquí, and thus from a locality from which the form was not recorded at the original description. Its oldest label is one of Arcé's, on which appears the printed name "Veragua," followed by the name "Chiriqui" in ink; "Veragua" presumably should have been crossed out. Ridgway seems to have supposed that Chiriquí was a settlement in Veraguas, rather than a region of equal political status. In any event, until the populations of Costa Rica and western Panamá are shown to be distinguishable, all four specimens must be listed as cotypes.

P[iranga]. flammea Ridgway

Manual of North American birds, p. 457, September 1887.

=*Piranga bidentata flammea* Ridgway. See Hellmayr, Catalogue of birds of the Americas 9: 292, 1936.

50824. Adult male. Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. Entered into the museum register on Apr. 24, 1868. Collected by Andrew J. Grayson. Original number 97.

Genus CHLOROTHRAUPIS Salvin and Godman

Phœnicothraupis carmioli Lawrence

Ann. Lyc. Nat. Hist. New York 9 (1–4): 100, April 1868.

=*Chlorothraupis carmioli carmioli* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 9: 297, 1936.

39039. Adult male. Angostura, Province of Cartago, Costa Rica. March 11, 1865. Collected by Francisco Carmiol.

Genus HABIA Blyth

Phœnicothraupis rubicoides roseus Nelson

Proc. Biol. Soc. Washington 12: 60, Mar. 24, 1898.

=*Habia rubica rosea* (Nelson). See Hellmayr, Catalogue of birds of the Americas 9: 309, 1936.

156121. Adult male. Arroyo de Juan Sánchez, State of Sinaloa, México. Apr. 5, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4043. Received from the U.S. Fish and Wildlife Service.

Phœnicothraupis rubicoides affinis Nelson

Auk 14 (1): 66, January 1897.

=*Habia rubica affinis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 9: 307, 1936.

143571. Adult male. Pinotepa, State of Oaxaca, México. Feb. 21, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2538. Received from the U.S. Fish and Wildlife Service.

Phœnicothraupis rubica nelsoni Ridgway

Birds of North and Middle America 2: 142 (in key), 145, Oct. 16, 1902.

=*Habia rubica nelsoni* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 9: 308, 1936.

167863. Adult male. Apazote, State of Campeche, México. Dec. 27, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7417. Received from the U.S. Fish and Wildlife Service.

167864. Adult male. Apazote, State of Campeche, México. Dec. 27, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7418. Received from the U.S. Fish and Wildlife Service.

167874. Adult male. Puerto Morelos, State of Yucatán, México. Mar. 12, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7710. Received from the U.S. Fish and Wildlife Service.

167875. Adult female. Puerto Morelos, State of Yucatán, México. Mar. 12, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7711. Received from the U.S. Fish and Wildlife Service.

167876. Adult male. Puerto Morelos, State of Yucatán, México. Mar. 13, 1901. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7731. Received from the U.S. Fish and Wildlife Service.

Phœnicothraupis alfaroana Ridgway

Proc. Biol. Soc. Washington 18: 212, Oct. 17, 1905.

=*Habia rubica alfaroana* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 9: 306, 1936.

199961. Adult male. Hacienda "Miravalles" (a large cattle ranch on the slopes of the Volcán de Miravalles, *fide* Carriker, Ann. Carnegie Mus. 6: 346, 1910), Province of Guanacaste, Costa Rica. Aug. 23, 1895. Collected by Cecil F. Underwood. Received from the Museo Nacional de Costa Rica, San José, where it was No. 9726.

No locality for this specimen appears either on the label or in the museum register; Ridgway's information must have come to him by letter from the collector.

Phœnicothraupis littoralis Nelson

Auk 18 (1): 48, January 1901.

=*Habia gutturalis littoralis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 9: 310, 1936.

166208. Adult male. Frontera, State of Tabasco, México. Mar. 4, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 6668. Received from the U.S. Fish and Wildlife Service.

Phœnicothraupis salvini peninsularis Ridgway

Proc. Washington Acad. Sci. 3: 150, Apr. 15, 1901.

=*Habia gutturalis peninsularis* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 9: 311, 1936.

146607. Adult male. "Izalam," State of Yucatán, México. January 1880. Collected by George F. Gaumer. Received as part of the Boucard Collection.

The locality "Izalam," which appears on Boucard's private label, is probably a misspelling of Izamal.

Phœnicothraupis salvini discolor Ridgway

Proc. Washington Acad. Sci. 3: 150, Apr. 15, 1901.

=*Habia gutturalis discolor* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 9: 312, 1936.

126942. Adult male. Vicinity of the International Planting Company ("I.P.") Plantation (on the Río Escondido, 50 miles from Bluefields), Department of Zelaya, Nicaragua. May 12, 1892. Collected by Charles W. Richmond. Original number 3910.

Genus LANIO Vieillot

Lanio melanopygius Ridgway

Proc. U.S. Nat. Mus. 6: 412, Apr. 26, 1884.

=*Lanio aurantius melanopygius* Salvin and Godman. See Hellmayr, Catalogue of birds of the Americas 9: 320, 1936.

91818. Adult male. Pozo Azul de Pirrís (a region of heavy forest on the Río Grande de Pirrís, about ten miles from the Pacific Ocean), Province of San José, Costa Rica. May 1883. Collected by Juan Zeledón. Received from José C. Zeledón.

Ridgway's name was adopted from his unpublished manuscript and first used by Salvin and Godman (Biologia Centrali-Americana, Aves 1: 305, December 1883). The specimen that lay before them, however, was one of their own collection from Chiriquí, which is accordingly the type of *Lanio melanopygius* "Ridgway" Salvin and Godman, 1883, while our No. 91818 is the type only of *Lanio melanopygius* Ridgway, 1884.

Genus TACHYPHONUS Vieillot

Chlorospingus axillaris Lawrence

Ann. Lyc. Nat. Hist. New York 10 (12–13): 395 (not earlier than March), 1874.

=*Tachyphonus luctuosus axillaris* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 9: 340, 341, 1936.

64522. Immature male. "Volcan de Irazu," error="Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). 1873 (entered into the museum register on November 3). Collected by José C. Zeledón. Original number 525. Received from William M. Gabb.

Only "C. Rica" appears on the label, but the locality given in the museum register is "San José." The substitution of "Talamanca," by Ridgway (Birds of North and Middle America 2: 135, 1902), was based upon information received directly from the collector.

Tachyphonus nitidissimus Salvin

Proc. Zool. Soc. London, for 1870 (2): 188, November 1870.

=*Tachyphonus luctuosus nitidissimus* Salvin. See Hellmayr, Catalogue of birds of the Americas 9: 342, 1936.

62015. Adult female. Bugaba, Department of Chiriquí, Panamá. 1867–1869. Collected by Enrique Arcé. Original number 2830. Received from Osbert Salvin.

Other cotypes of this name are two adult males and one adult female in the British Museum (Natural History), *ex* the Salvin-Godman Collection.

Tachyphonus luctuosus panamensis Todd

Proc. Biol. Soc. Washington 30: 128, July 27, 1917.

207427. Adult male. Gatún, Panamá Canal Zone. Feb. 1, 1911. Collected by Edward A. Goldman. Original number 13503. Received from the U.S. Fish and Wildlife Service.

Chlorospingus brunneus Lawrence

Ann. Lyc. Nat. Hist. New York 10 (12–13): 395 (not earlier than March) 1874.

=*Tachyphonus delatrii delatrii* Lafresnaye. See Hellmayr, Catalogue of birds of the Americas 9: 342, 343, 1936.

64520. Adult (sex not indicated, but apparently female). "Volcan de Irazu," error="Talamanca"=(probably) Sipurio (see Carriker, Ann. Carnegie Mus. 6: 354, 1910), Costa Rica or Panamá (contested territory). 1873 (entered into the museum register on November 3). Collected by José C. Zeledón. Original number 103. Received from William M. Gabb.

64521. Immature (sex not indicated). "Volcan de Irazu," error="Talamanca." 1873. Collected by José C. Zeledón. Original number 690. Received from William M. Gabb.

"Costa Rica" appears on the labels, but the locality given in the museum register is "San José." The substitution of "Talamanca," by Ridgway (Birds of North and Middle America 2: 137, 1902), was based upon information received directly from the collector.

Genus RHODINOCICHLA Hartlaub

Rhodinocichla rosea, β schistacea "(Ridgw. MS.)" Ridgway
Proc. U.S. Nat. Mus. 1: 247, 1878 or 1879.

=*Rhodinocichla rosea schistacea* Ridgway. See Hellmayr, Catalogue of birds of the Americas 9: 357, 1936.

30160. Adult male. "Sierra Madre," State of Michoacán (not Colima), México. April 1863. Collected by John Xántus. Original number 485.

30161. Adult male. "Sierra Madre . . . Neshpa river," State of Michoacán (not Colima), México. April 1863. Collected by John Xántus. Original number 528.

34057. Adult male. Mazatlán, State of Sinaloa, México. June 1862. Collected by Andrew J. Grayson. Original number 198.

34058. Adult female. Mazatlán, State of Sinaloa, México. June 1862. Collected by Andrew J. Grayson. Original number 196.

The localities here given for Nos. 30160 and 30161 have been derived from Xántus's field registers.

Rhodinocichla rosea eximia Ridgway
Birds of North and Middle America 2: 770, Oct. 16, 1902.

177415. Adult male. Bugaba (elev. 600 feet), Department of Chiriquí, Panamá. July 10, 1901. Collected by Wilmot W. Brown, Jr. Received from Outram Bangs.

This form was based upon at least ten adult males, at least ten adult females, and an unstated number of immatures, both males and females, every one of which should be considered an equivalent cotype! It is certain that not nearly so many specimens of the race were in the collection of the United States National Museum, and the fact that No. 177415 (acquired by exchange from Outram Bangs) formed part of the original series leads me to believe that a number of the cotypes are now in the Museum of Comparative Zoology, *ex* the E. A. and O. Bangs Collection. That I have accepted the lectotype, No. 177415, as the only one here to be listed is due mainly to the fact that Ridgway, at the very time of entering the specimen into the museum register (Nov. 23, 1901), wrote "*Type* of new subspecies" after its name, thus implying that he had, from the beginning, so intended to designate it, despite his having carelessly failed finally to do so. It may be noted also that he neglected to indicate that the name was new at its first publication.

Genus CALYPTOPHILUS Cory

Calyptophilus frugivorus abbotti Richmond and Swales
Proc. Biol. Soc. Washington 37: 106, Mar. 17, 1924.

251669. Adult male. Île de la Gonâve (in the Bay of Gonaïves), Haiti, Hispaniola. Feb. 18, 1918. Collected by William L. Abbott.

Genus PHAENICOPHILUS Strickland

Phaenicophilus poliocephalus coryi Richmond and Swales
Proc. Biol. Soc. Washington 37: 107, Mar. 17, 1924.

251609. Adult male. Île de la Gonâve (in the Bay of Gonaïves), Haiti, Hispaniola. Feb. 19, 1918. Collected by William L. Abbott.

Phaenicophilus poliocephalus tetraopes Wetmore and Lincoln
Auk 49 (1): 36, Jan. 4, 1932.

=*Phaenicophilus poliocephalus poliocephalus* (Bonaparte). See Bond, Checklist of birds of the West Indies, ed. 3, p. 162, 1950.

327924. Adult male. Île à Vache (off the southern coast of the Tiburon Peninsula), Haiti, Hispaniola. Apr. 28, 1931. Collected by Alexander Wetmore and Frederick C. Lincoln. Original number 8637.

Phaenicophilus palmarum eurous Wetmore
Smithsonian Misc. Coll. 81 (13): 3, May 15, 1929.

=*Phaenicophilus palmarum* (Linnaeus). See Bond, Checklist of birds of the West Indies, ed. 3, p. 162, 1950.

252843. Adult male. Saona Island (off the southeasternmost peninsula of the Dominican Republic), Hispaniola. Sept. 13, 1919. Collected by William L. Abbott.

Genus HEMITHRAUPIS Cabanis

Hemithraupis ornatus [*sic*] Nelson
Smithsonian Misc. Coll. 60 (3): 19, Sept. 27 (not 24), 1912.

=*Hemithraupis flavicollis ornata* Nelson. See Hellmayr, Catalogue of birds of the Americas 9: 384, 1936.

17880. Adult male. "At the first camp on the Truando, before reaching the mountains" (see Wood, *in* Cassin, Proc. Acad. Nat. Sci. Philadelphia, for 1860: 143, 1860 ["*Nemosia auricollis*, Sclater"]), Intendency of Chocó, Colombia. Entered into the museum register on July 23, 1860. Collected by Charles J. Wood and William S. Wood, Jr. (not Arthur C. V. Schott). Original number 137. U.S. Survey of the Río Atrato.

Genus CHRYSOTHLYPIS von Berlepsch

Tachyphonus chrysomelas P. L. Sclater and Salvin
Proc. Zool. Soc. London, for 1869 (2): 440, pl. 32, October 1869.

=*Chrysothlypis chrysomelaena chrysomelaena* (Sclater and Salvin). See Hellmayr, Catalogue of birds of the Americas 9: 385, 1936; my remarks below.

62017. Adult male. Cordillera del Chucú, Department of Veraguas, Panamá. 1869. Collected by Enrique Arcé. Original number 2478. Received from Osbert Salvin.

62018. Adult female. Cordillera del Chucú, Department of Veraguas, Panamá. 1869. Collected by Enrique Arcé. Original number 2475. Received from Osbert Salvin.

Sclater and Salvin had "several examples of both sexes." Other cotypes are two adult males and one adult female in the British Museum (Natural History), *ex* the Salvin-Godman collection, and probably also a male and a female in the same institution, *ex* the Sclater collection.

Since Hellmayr (*loc. cit.*) has listed this form as *Chrysothlypis chrysomelas chrysomelas,* it follows that he must have considered the generic name *Chrysothlypis* masculine. All other names ending with *-thlypis,* however, have been consistently treated, by himself and others, as feminine (*cf. Geothlypis, Chamaethlypis,* and *Euthlypis*), and *Chrysothlypis* must therefore also be feminine. If this be granted, we must use a latinized form of the feminine ending of the Greek adjective meaning "black." A comparable case is *Turdus protomomelas* Cabanis, 1867, which, placed by Seebohm in the genus *Merula,* became *Merula protomomelæna* (see Catalogue of the birds in the British Museum 5: 265, 1881).

Chrysothlypis chrysomelas ocularis Nelson

Smithsonian Misc. Coll. 60 (3) : 19, Sept. 27 (not 24), 1912.

=*Chrysothlypis chrysomelaena ocularis* Nelson. See my remarks under *Tachyphonus chrysomelas* Sclater and Salvin, above.

238544. Adult male. Santa Cruz de Cana (at elev. 3,500 feet), Department of Darién, Panamá. June 6, 1912. Collected by Edward A. Goldman. Original number 15848. Received from the U.S. Fish and Wildlife Service.

Genus THLYPOPSIS Cabanis

Thlypopsis sordida orinocensis Friedmann

Proc. Biol. Soc. Washington 55: 85, June 25, 1942.

316653. Adult male. Isla Orocopiche (in the Río Orinoco, near Soledad), State of Anzoátegui, Venezuela. Dec. 1, 1929. Collected by Ernest G. Holt. Original number 3403. National Geographic Society Venezuela-Brazil Expedition (1929–1930).

Genus NESOSPINGUS Sclater

Chlorospingus ? speculiferus Lawrence

Ibis (3) 5 (19) : 383, pl. 9, fig. 1, July 1875.

=*Nesospingus speculiferus* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 9: 397, 1936.

75331. Adult (sex not indicated). Puerto Rico. Entered into the museum register on Oct. 18, 1875. Collected by Johannes C. Gundlach.

Genus CHLOROSPINGUS Cabanis

Chlorospingus sumichrasti Ridgway

Proc. Washington Acad. Sci. 3: 150, Apr. 15, 1901.

=*Chlorospingus ophthalmicus ophthalmicus* (Du Bus). See Hellmayr, Catalogue of birds of the Americas 9: 397, 398, 1936.

37511. Adult male. Montaña Azul, near Orizaba, State of Veracruz, México. October 1864. Collected by A. L. François Sumichrast. Original number 2.

Chlorospingus ophthalmicus wetmorei Lowery and Newman

Occas. Pap. Mus. Zool. Louisiana State Univ. 22: 8, Feb. 5, 1949.

360348. Adult male. Volcán San Martín (at elev. 2,500–3,500 feet), Sierra de Tuxtla, State of Veracruz, México. Apr. 22, 1940. Collected by Melbourne A. Carriker, Jr. Original number 798.

Chlorospingus atriceps Nelson

Auk 14 (1) : 65, January 1897.

=*Chlorospingus ophthalmicus postocularis* Cabanis. See Hellmayr, Catalogue of birds of the Americas 9: 400, 1936.

143613. Adult male. Pinabete, State of Chiapas, México. Feb. 9, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3446. Received from the U.S. Fish and Wildlife Service.

Chlorospingus punctulatus P. L. Sclater and Salvin

Proc. Zool. Soc. London, for 1869 (2) : 440, October 1869.

62013. Adult male. Cordillera del Chucú, Department of Veraguas, Panamá. 1869. Collected by Enrique Arcé. Original number 2464. Received from Osbert Salvin.

Sclater and Salvin stated that they saw "several specimens." Other cotypes are three adult males and one adult female in the British Museum (Natural History), *ex* the Salvin-Godman Collection, and probably also two adults in the same institution, *ex* the Sclater Collection.

Chlorospingus zeledoni Ridgway

Proc. Biol. Soc. Washington 18: 212, Oct. 17, 1905.

199498. Adult male. Volcán de Irazú (at elev. 10,500 feet), Province of Cartago, Costa Rica. May 20, 1905. Collected by Robert Ridgway.

Hylospingus inornatus Nelson

Smithsonian Misc. Coll. 60 (3) : 18, Sept. 27 (not 24), 1912.

=*Chlorospingus inornatus* (Nelson). See Hellmayr, Catalogue of birds of the Americas 9: 409, 1936.

238680. Adult male. Mount Pirri (at elev. 5,200 feet), near the head of the Río Limón, Department of Darién, Panamá. Apr. 14, 1912. Collected by Edward A. Goldman. Original number 15497. Received from the U.S. Fish and Wildlife Service.

Genus HEMISPINGUS Cabanis

Chlorospingus nigrifrons Lawrence

Ibis (3) 5 (19) : 384, July 1875.

=*Hemispingus superciliaris nigrifrons* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 9: 422, 1936.

75333. Adult (sex not indicated). Ecuador. 187–? Received from the Wesleyan University Museum, Middletown, Conn.

Lawrence named five birds at the place cited above, of which three were stated to be based upon specimens in the U.S. National Museum, while two others (both from Ecuador) were left without indication of ownership of the types. These two were founded upon skins in the collection of the Wesleyan University, which were later to be presented to us. That our No. 75333 (entered into the register on October 18, 1878) is in fact the type of *Chlorospingus nigrifrons* Lawrence is indicated by the fact that measurements on its label, in Lawrence's hand, agree perfectly with those that appear at the original description.

Genus CISSOPIS Vieillot

C[issopis]. minor von Tschudi

Untersuchungen über die Fauna Peruana, Orn., p. 211, 1846.

=*Cissopis leveriana leveriana* (Gmelin). See Friedmann and Deignan, Zoologica, New York 27: 52–53, 1942.

41914. Adult (sex not indicated). "Chacaybamba," Perú. Aug. 4, 1839. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

The oldest label carried by this specimen, probably written by von Tschudi himself, has on one side (in ink): "Pallar. 4.8.39./y. j. c. t. v./Chacaybamba"; on the other side (in pencil): "Tangara/noir et blanc."

Hellmayr (Catalogue of birds of the Americas, 9: 439, 1936) states that the type of von Tschudi's *minor* is in the Neuchâtel Museum, but nevertheless failed to list it in Journ. für Orn. 53: 6–20, 1905.

Family FRINGILLIDAE: Grosbeaks, Finches, Buntings

Subfamily RICHMONDENINAE

Genus SALTATOR Vieillot

Saltator atriceps suffuscus Wetmore

Proc. Biol. Soc. Washington 55: 106, Aug. 13, 1942.

360410. Adult male. Tres Zapotes, State of Veracruz, México. Mar. 5, 1940. Collected by Melbourne A. Carriker, Jr. Original number 367.

Saltator magnoides medianus Ridgway

Birds of North and Middle America 1: 660 (in key), 664, Oct. 24, 1901.

=*Saltator maximus magnoides* Lafresnaye. See Hellmayr, Catalogue of birds of the Americas 11: 9, 10, 1938.

112102. Adult male. Río Segovia, Honduras or Nicaragua (the south bank is Nicaragua, and the north bank, except at the mouth, is contested territory). June 24, 1887. Collected by Charles H. Townsend. Original number 1995.

112103. Adult male. Río Segovia, Honduras or Nicaragua. Aug. 11, 1887. Collected by Charles H. Townsend. Original number 2084.

Ridgway specified neither type nor type locality, informing us only that he took the measurements of six males and one female, and that his new form ranged from "Guatemala to Costa Rica." Specimens still in the collection show that, even without borrowed material, he could have had not less than 24 cotypes, every one of which might be considered equivalent with every other!

Von Berlepsch (Verh. 5. Internat. Orn.-Kongr. Berlin, p. 1112, 1911 or 1912) restricted the type locality to Guatemala, but a MS. memorandum of the late Charles W. Richmond states that "there were no specimens from Guatemala, although Ridgway did include Guatemala in his statement of range." This information could have come to him only from Ridgway, and might be considered just one more instance of the extraordinary carelessness with which this description was put together; in fact, however, there were a number of Guatemala birds in the collection and, since they were not allocated to some other race, they must have formed part of the series!

Presumably at Richmond's suggestion, Ridgway was finally to make No. 112103 the lectotype, and he himself wrote "Saltator magnoides medianus" on its red type label. This action really amounted to no more than a restriction of type locality, only now published for the first time, and one may wonder whether von Berlepsch's earlier published restriction to Guatemala should not be accepted, in which case the putative cotypes from Guatemala should be here listed.

Fortunately, since Ridgway's name is certainly a synonym of Lafresnaye's, the restriction of type locality becomes of minor importance. Ridgway's own choice lies nearer the center of the range covered by his material, and is therefore favored by me. In addition to Ridgway's lectotype, I have here listed only the cotype that is an exact lectotypical topotype.

Saltator francescæ Lawrence, *ex* Grayson (MS.)

Mem. Boston Soc. Nat. Hist. 2: 274, Apr. 25, 1874.

=*Saltator coerulescens vigorsii* G. R. Gray. See Hellmayr, Catalogue of birds of the Americas 11: 18, 19, 1938.

34038. Immature female. Mazatlán, State of Sinaloa, México. Entered into the museum register on June 9, 1864. Collected by Andrew J. Grayson. Original number 47.

35024. Immature male. Mazatlán, State of Sinaloa, México. August 18–(entered into the museum register on Oct. 28, 1864). Collected by Andrew J. Grayson. Original number 279.

Saltator plumbiceps "Baird, MS." Lawrence

Ann. Lyc. Nat. Hist. New York 8: 477 (not earlier than May 13), 1867.

=*Saltator coerulescens vigorsii* G. R. Gray. See Hellmayr, Catalogue of birds of the Americas 11: 18, 1938.

29372. Adult male. Plains of Colima, State of Colima (not Mazatlán, State of Sinaloa), México. January 1863. Collected by John Xántus. Original number 53.

Saltator fulviventris Lawrence

Ann. Lyc. Nat. Hist. New York 8: 41 (not earlier than June 13), 1864.

=*Saltator coerulescens coerulescens* Vieillot. See Hellmayr, Catalogue of birds of the Americas 11: 26, 27, 1938.

54261. Immature (sex not indicated). Paraguay. 1859? Collected by Christopher D. Wood? Second U.S. Survey of the Río Paraná (1859–1860)?

Since this specimen was not entered into the museum register until Mar. 18, 1869, as one of a large lot of miscellaneous material, it is no longer possible to say whether it was taken during the first or the second cruise of the steamer *Water Witch*. Nos. 16375 and 16376, an adult and a subadult of the same species, were collected in May 1859 at Asunción. A number of skins of diverse species, labeled simply as from "Paraguay," are dated May, June, or July 1859.

I am unable to interpret the significance of "3–49," which appears on the obverse of the label of No. 52461.

Saltator albicollis scotinus Wetmore

Smithsonian Misc. Coll. 134 (9): 98, July 8, 1957.

461415. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Jan. 26, 1956. Collected by Alexander Wetmore. Original number 20457.

Saltator albicollis melicus Wetmore

Smithsonian Misc. Coll. 121 (2): 29, Dec. 2, 1952.

445589. Adult male. Taboga Island (in the Bay of Panamá off the Pacific entrance of the Panamá Canal), Province of Panamá, Panamá. Mar. 19, 1952. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 17356.

Genus CARYOTHRAUSTES Reichenbach

Caryothraustes canadensis simulans Nelson

Smithsonian Misc. Coll. 60 (3): 16, Sept. 27 (not 24), 1912.

238535. Adult male. Santa Cruz de Cana (at elev. 3,000 feet), Department of Darién, Panamá. June 10, 1912. Collected by Edward A. Goldman. Original number 15876. Received from the U.S. Fish and Wildlife Service.

Pitylus poliogaster scapularis Ridgway

Proc. U.S. Nat. Mus. 10: 586, Aug. 6, 1888.

=*Caryothraustes poliogaster scapularis* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 48, 1938.

91186. Adult male. Hacienda "Los Sábalos" (on the Río San Juan, about 30 miles from the east shore of Lake Nicaragua), Department of Chontales, Nicaragua. May 11, 1883. Collected by Charles C. Nutting. Original number 909.

Genus RICHMONDENA Mathews and Iredale

Cardinalis cardinalis floridanus Ridgway

Manual of North American Birds, ed. 2, p. 606, Apr. 2, 1896.

=*Richmondena cardinalis floridana* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 68, 1938.

54896 (not 54986). Adult female. Enterprise, Volusia County, Florida. Feb. 20, 1869. Collected by George A. Boardman.

This is one more specimen that has had its original label removed, to be supplanted by the private label of Robert Ridgway.

Richmondena cardinalis planicola Stevenson

Proc. Biol. Soc. Washington 53: 16, Feb. 16, 1940.

363607. Adult female. Palo Duro Canyon (two miles north of Palo Duro State Park), Elkins Ranch, Randall County, Texas. Dec. 26, 1936. Collected by Tarleton F. Smith. Original number 1232. Received from the U.S. Fish and Wildlife Service.

Cardinalis cardinalis superbus Ridgway

Auk 2 (4) : 344, October 1885.

=*Richmondena cardinalis superba* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 71, 1938.

98942. Adult male. Fuller's Ranch (a few miles east of Camp Lowell), Cochise County, Arizona. May 30, 1884. Collected by Edward W. Nelson.

61541. Adult male. "Colorado River," Arizona. Nov. 30, 1871. Collected by Ferdinand Bischoff. Geographical Explorations and Surveys West of the 100th Meridian (1871).

98944. Adult female. Tucson, Pima County, Arizona. Jan. 30, 1884. Collected by Edward W. Nelson.

No. 61541 at some time entered Ridgway's private collection and now lacks the original label.

A fourth cotype, No. 98945, an adult female, was sent to Edward Bartlett on Dec. 6, 1887; its present whereabouts is unknown.

Cardinalis cardinalis affinis Nelson

Proc. Biol. Soc. Washington 13: 28, May 29, 1899.

=*Richmondena cardinalis affinis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 11: 72, 1938.

164258. Adult female. Álamos (lat. 27°01′ N., long. 108°58′ W.), State of Sonora, México. Jan. 28, 1899. Collected by Edward A. Goldman. Original number 6144. Received from the U.S. Fish and Wildlife Service.

Cardinalis igneus Baird

Proc. Acad. Nat. Sci. Philadelphia 11: 305 [p. 10, in reprint] (not earlier than Nov. 29), 1859.

=*Richmondena cardinalis ignea* (Baird). See Hellmayr, Catalogue of birds of the Americas 11: 71, 1938.

12990. Adult male. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 192.

26513 (reentered as 122875 and 208218). Adult male. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 336.

26536. Adult male. Cape San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 455.

Baird had "a large number of males," all collected by Xántus at the Cape, and the specimens with which his paper dealt had all been "collected from the middle of April to the middle of July, 1859." The only males taken between these dates that can possibly have served him as cotypes are Nos. 12989 and 12990 (collected in May 1859 and entered into the register on Oct. 24, 1859) and Nos. 26508, 26510–26520, 26527, 26530, and 26535–26536 (collected from May to July 1859 and entered into the register in January 1863, together with numerous others collected from August to November 1859!). Since Nos. 12989 and 12990 could hardly have been described by Baird as "a large number of males," one is compelled to believe that Xántus's specimens of 1859 came into Washington in small lots that were left unregistered until such time as a sizable collection had accumulated, but since it is no longer always possible to guess which ones had reached the museum prior to Nov. 29, 1859, one must hesitate to admit as cotypes a considerable number of the 26000-series (many of which are no longer in existence).

In the original description Baird observed that Xántus's birds "appeared at first sight to be the same with the *C. virginianus*." Of the five specimens (of all those discussed above) still remaining in Washington, Nos. 12990, 26513, and 26536 alone bear, on the obverse face of the oldest label, in Baird's hand, the words "Cardinalis virgin." or "Cardinalis virginianus," with the specific name crossed out and the name "igneus" written above.

No. 26510 was at some time set aside by Richmond as the lectotype, but this bird has, on the reverse of the oldest label, only the words "Cardinalis igneus" in Baird's hand, so that we may suppose it came to him *after* he had learned to differentiate between *igneus* and *virginianus*, and, therefore, after publication of the name *igneus*. The label of this skin, incidentally, is of another edition than those used on Nos. 12990, 26513, and 26536, having the printed name "John Xántus de Vesey" instead of the simpler "John Xántus."

No. 26514 is conceivably one of the cotypes, but it suffered the misfortune of entering Ridgway's private collection, at which time its original label was destroyed and replaced by one of Ridgway's own; it is, consequently, no longer possible to ascertain Baird's first identification.

No. 26513 at some time entered the private collection of Charles W. Richmond (where it became No. 2310) and acquired Richmond's private label in addition to that of Xántus and Baird. It was returned to the museum on Aug. 24, 1891, when it was reentered as No. 122875. On Jan. 14, 1895, it was sent to Mrs. Pierre L. Jouy, but was again returned on Dec. 14, 1907, to be reentered for the second time as No. 208218!

Cardinalis cardinalis sinaloensis Nelson

Proc. Biol. Soc. Washington 13: 28, May 29, 1899.

=*Richmondena cardinalis sinaloensis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 11: 73, 1938.

164375. Adult female. Culiacán, State of Sinaloa, México. Mar. 18, 1899. Collected by Edward A. Goldman. Original number 6279. Received from the U.S. Fish and Wildlife Service.

Cardinalis cardinalis mariæ Nelson

Proc. Biol. Soc. Washington 12: 10, Jan. 27, 1898.

=*Richmondena cardinalis mariae* (Nelson). See Hellmayr, Catalogue of birds of the Americas 11: 73, 1938.

156907. Adult male. María Madre Island, Tres Marías Islands, eastern Pacific Ocean off the State of Nayarit, México. May 3, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4149. Received from the U.S. Fish and Wildlife Service.

Cardinalis Virginianus var. coccineus Ridgway

American Journal of Science and Arts (3) 5 (25): 39 (footnote), January 1873.

=*Richmondena cardinalis coccinea* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 69, 1938.

28037. Adult male. Hacienda "Mirador" (near Vera Cruz), State of Veracruz, México. Entered into the museum register on Mar. 24, 1863. Collected by Carl C. W. Sartorius. Original number 63.

29702. Adult (sex not indicated, but apparently male). México. Entered into the museum register on Aug. 1, 1863. Collected by Auguste Sallé? Original number 100. Received from Auguste Sallé.

29824. Adult male. México. Entered into the museum register on Oct. 15, 1863. Collected by Henri L. F. de Saussure. Received from Henri L. F. de Saussure.

Ridgway gave no indication of the number of specimens examined by him, but gave the range of his new form as "eastern coast, from Mirador to Honduras" (in the text) and as "Atlantic coast of middle America, from Xalapa to Honduras; Yucatan" (in the footnote). He thus must have had a composite series that would nowadays be divided among *coccinea, littoralis, yucatanica,* and *flammigera!*

In The American Naturalist 7: 617, October 1873, Ridgway revised the genus and gave the range of *coccinea* as "Eastern Mexico (Mirador; Yucatan; 'Honduras')."

In his "Manual of North American birds" (pp. 442–443), he described *yucatanica* from Yucatán, and corrected the range of *coccinea* to "Eastern and central Mexico (north to Mirador)," thus implicitly restricting the type locality of *coccinea* to the regions west and northwest of the Yucatán Peninsula.

In 1897, Nelson was to name *littoralis* from the extreme southeastern coastal areas of Veracruz; he observed that "specimens of Cardinals obtained at Catemaco and Otatitlam in Vera Cruz, and near Tuxtepec in eastern Oaxaca, are from a district lying between the type locality of *littoralis* and the range of *coccineus*, of the adjacent country to the north, and show gradation between the two forms." This remark further restricted the type locality of *coccinea* to the central regions of Veracruz and the adjacent parts of Oaxaca. It seems certain that Nelson considered Hacienda "Mirador," the only definite provenience ever mentioned by Ridgway, to be the unquestionable type locality of Ridgway's form.

However, in his "Birds of North and Middle America" (1: 643 [footnote], 1901), Ridgway without explanation made No. 29702 the lectotype, despite the fact that, of the three specimens of *coccinea* (*in sensu stricto*, as a result of the restrictions just described) in his original series, this was one of two without definite data! Having made his choice, he suggested that it was possibly a Boucard-taken skin from Playa Vicente, Oaxaca. This may be doubted! No. 29702 came to us from Sallé as one of a lot of 27 specimens, some from Santo Domingo, others from México, and, so far as dates are still on record, taken from May 1858 to January 1861. Some were in fact collected by Boucard, others just as certainly by Sallé himself. Those known to have been taken by Boucard carry, on the oldest label, both provenience and date; others, of which No. 29702 is one, are simply from "Mexique," and were, I think, of Sallé's collecting.

That Ridgway, having three skins from which to choose, but one of which is from a known locality (and that a locality mentioned by him at the original description in 1873), should in 1901 attempt to make No. 29702 the type, is to me incomprehensible, and if there is to be a lectotype, I fail to see how it can be any other than No. 28037, for which full data are available!

Cardinalis cardinalis littoralis Nelson

Auk 14 (1) : 64, January 1897.

=*Richmondena cardinalis littoralis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 11: 69, 1938.

144301. Adult male. Coatzocoalcos, State of Veracruz, México. Apr. 14, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3690. Received from the U.S. Fish and Wildlife Service.

C[ardinalis]. cardinalis yucatanicus Ridgway

Manual of North American birds, p. 443, September 1887.

=*Richmondena cardinalis yucatanica* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 70, 1938.

36816. Adult male. Mérida, State of Yucatán, México. Jan. 3, 1865. Collected by Arthur C. V. Schott. Original number 97. Comisión Científica de Yucatán.

36818. Adult female. Dec. 28, 1864. Original number 72. Other data as for No. 36816.

37936. Adult male. Mar. 2, 1865. Original number 268. Other data as for No. 36816.

37937. Adult male. Mar. 3, 1865. Original number 232. Other data as for No. 36816.

39292. Adult female. Mar. 24, 1865. Original number 311. Other data as for No. 36816.

100108. Adult (sex not indicated, but apparently male). State of Yucatán, México. Entered into the museum register on Oct. 7, 1884. Collected by George F. Gaumer.

106259. Adult (sex not indicated, but apparently male). Temax, State of Yucatán, México. January 1885. Collected by George F. Gaumer. Original number 47.

106260. Adult (sex not indicated, but apparently male). Temax, State of Yucatán, México. Entered into the museum register on Dec. 8, 1885. Collected by George F. Gaumer.

In his "Birds of North and Middle America" (1: 644 [footnote], 1901), Ridgway inferentially restricted the type locality of *yucatanica* to Mérida, and at some time the late Charles W. Richmond selected No. 36818 as the type. There were, however, at least nine equivalent cotypes, and possibly eleven (if Nos. 36817 and 37938, now missing, vanished from the collection after September 1887). No. 100107 was sent to Outram Bangs in 1902; it is probably now in the Museum of Comparative Zoölogy.

Nos. 37937 and 39292, listed above, were for a period part of Ridgway's private collection; as might be expected, the oldest label carried by each one is Ridgway's own.

Cardinalis saturatus Ridgway

Proc. Biol. Soc. Washington 3: 24 [p. 4 in extra], Feb. 26, 1885.

=*Richmondena cardinalis saturata* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 70, 71, 1938.

102720. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. Jan. 24, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Cardinalis robinsoni Richmond

Auk 12 (4): 370, October 1895.

=*Richmondena phoenicea* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 11: 74, 75, 1938.

151072. Adult male. Margarita Island, Caribbean Sea off the State of Sucre, Venezuela. July 8, 1895. Collected by Wirt Robinson. Original number 460.

Genus PYRRHULOXIA Bonaparte

Pyrrhuloxia sinuata texana Ridgway

Birds of North and Middle America 1: 625 (in key), 628, Oct. 24, 1901.

112362. Adult female. Corpus Christi, Nueces County, Texas. Jan. 12, 1887. Collected by George B. Sennett. Original number 27. Received from George B. Sennett, in whose private collection it was No. 4100.

112363. Adult female. Corpus Christi, Nueces County, Texas. Feb. 4, 1887. Collected by George B. Sennett. Original number 80. Received from George B. Sennett, in whose private collection it was No. 4101.

112815. Adult male. Corpus Christi, Nueces County, Texas. Feb. 9, 1887. Collected by Charles W. Beckham. Original number 2880.

112816. Adult female. Corpus Christi, Nueces County, Texas. Feb. 9, 1887. Collected by Charles W. Beckham. Original number 2881.

At its first appearance (Auk 14: 95, 1897), this name was a *nomen nudum*, based upon birds from "Texas." When it was finally clothed with a description in 1901, Ridgway (*op. cit.*, p. 629) gave the type locality as Corpus Christi. By this happy chance, the possible cotypes are reduced to the four here listed. No. 112815, the male, was selected by Richmond to be the type, but it is nevertheless only a cotype.

Pyrrhuloxia sinuata beckhami Ridgway

Auk 4 (4): 347, October 1887.

=*Pyrrhuloxia sinuata sinuata* (Bonaparte). See Amadon and Phillips, Auk 64: 579–580, 1947.

6369. Adult female. El Paso, El Paso County, Texas. 1854. Collected by Adolphus L. Heermann. Pacific Railroad Survey, Line of the 32nd Parallel and California.

6370. Adult (sex not indicated, but apparently male). Texas (probably not from El Paso, El Paso County). 1851–1855. Collected by Arthur C. V. Schott (not John G. Parke). United States-Mexican International Boundary Survey (1851–1855).

Ridgway tells us that he examined 17 specimens from "Southern Arizona and New Mexico and contiguous portion of Northern Mexico," but then designated as his type "No. 6370, U.S. Nat. Mus., ♂ ad., El Paso, Texas; Lieut. J. G. Parke, U.S.A."—in short, a bird from a locality outside the range delineated! Unfortunately, excepting the sex, all the data given for No. 6370 belong, not with No. 6370, but with No. 6369, an adult female! Since, however, he gave putative characters for both the male and the female of *beckhami*, No. 6369 might conceivably be considered a cotype with No. 6370, and inasmuch as its data are complete, one could wish that it might be made the lectotype. Ridgway's errors in connection with No. 6370 were derived either from a misreading of the museum register or from Baird (Expl. and Surv. R.R. Pac. 9: 508, 1858).

The initials "J. G. P." on the label of No. 6369 are those of John Grubb Parke, the engineer officer in charge of the survey of the Line of the 32nd

Parallel and California, through whom the specimens collected by Heermann were transmitted to the United States National Museum (see Hume, Ornithologists of the United States Army Medical Corps, pp. 195–196, 1942; and Heermann, *in* Parke, Expl. and Surv. R.R. Pac. 10:16, 1859).

The label of No. 6370 carries the initials "A.S.," which are those of Arthur C. V. Schott, who acted as one of the naturalists with the Boundary Survey of 1851–1855, and was wholly unaffiliated with Lieutenant Parke's expedition.

Pyrrhuloxia sinuata peninsulæ Ridgway

Auk 4 (4) : 347, October 1887.

=*Pyrrhuloxia sinuata peninsulae* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 77, 1938.

87547. Adult male. San José del Cabo, State of Baja California, México. Apr. 13, 1882. Collected by Lyman Belding.

Genus PHEUCTICUS Reichenbach

Pheucticus tibialis "Baird, MS." Lawrence

Ann. Lyc. Nat. Hist. New York 8: 478 (not earlier than May 13), 1867.

=*Pheucticus chrysopeplus tibialis* Lawrence. See Hellmayr, Catalogue of birds of the Americas 11: 79, 1938.

42887. Adult (sex not indicated). Cervantes, Province of Cartago, Costa Rica. May 1860. Collected by Juan J. Cooper. Original number 57. Received from Alexander von Frantzius.

Pheucticus uropygialis meridensis Riley

Proc. Biol. Soc. Washington 18: 220, Oct. 17, 1905.

=*Pheucticus aureo-ventris meridensis* Riley. See Hellmayr, Catalogue of birds of the Americas 11: 84, 1938.

190410. Adult male. Pedregosa (elev. 2,500 meters), State of Mérida, Venezuela. May (not Apr.) 29, 1903. Collected by Salomón Briceño G. and daughters.

Fringilla maculata Audubon

Birds of America (folio) 4 (75) : pl. 373, figs. 2, 3, and 4, 1837.

[Hedymeles melanocephalus] var. **capitalis** Baird

in Baird, Brewer, and Ridgway, History of North American birds 2: 70, January 1874.

=*Pheucticus melanocephalus maculatus* (Audubon). See Van Rossem, Auk 49: 489, 1932; Occas. Pap. Mus. Zool. Louisiana State Univ. 21: 254, footnote 69, 1945.

2873. Adult male. Columbia River, Oregon or Washington. July 28, 1835. Collected by John K. Townsend. Original number 24. Received from Spencer F. Baird, who acquired it from John J. Audubon.

Oberholser (Auk 36: 410–411, 1919) has shown that "the type of *Hedymeles melanocephalus capitalis* Baird . . . is without much doubt the very specimen from which Audubon drew the male figure of *Fringilla maculata* for his folio plate."

Hedymeles melanocephalus papago Oberholser

Auk 36 (3): 412, June 28, 1919.

=*Pheucticus melanocephalus melanocephalus* (Swainson). See Van Rossem, Occas. Pap. Mus. Zool. Louisiana State Univ. 21: 253, 1945.

129086. Adult male. Santa Cruz River (west of the Patagonia Mountains), Santa Cruz County, Arizona. June 21, 1893. Collected by Francis X. Holzner. Original number 1634. United States-Mexican International Boundary Commission.

Genus GUIRACA Swainson

G[uiraca]. cœrulea var. eurhyncha Coues

American Naturalist 8 (9): 563, September 1874.

=*Guiraca caerulea eurhyncha* Coues. See Hellmayr, Catalogue of birds of the Americas 11: 90, 1938.

8063. Adult (sex not indicated, but apparently male). México. Entered into the museum register on Feb. 27, 1858. Collected by John Taylor? Received from John Gould.

Coues examined "several" Mexican specimens, but designated no one of them as the type. The old-style red type label carried by No. 8063, however, bears the words "Guiraca caerulea/var. eurhyncha, Coues," written by Coues himself, and for this reason I have listed it alone. Since he was unable to discern any "difference in the plumage," one must regret that his selection was not made from the one subadult male and three adult females available to him, any one of which possesses more nearly complete data.

At the original description Coues gave no generic name beyond the initial *G*, which may have stood for either *Guiraca* or *Goniaphea*. In view of the fact that he himself spelled out *Guiraca* on the type label, we may suppose that this was the name intended.

Guiraca chiapensis Nelson

Proc. Biol. Soc. Washington 12: 61, fig. 14, Mar. 24, 1898.

=*Guiraca caerulea eurhyncha* Coues. See Hellmayr, Catalogue of birds of the Americas 11: 90, 1938.

144319. Adult female. Ocozocoautla, State of Chiapas, México. Aug. 19, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2964. Received from the U.S. Fish and Wildlife Service.

Genus CYANOCOMPSA Cabanis

P[asserina]. parellina indigotica Ridgway

Manual of North American Birds, p. 447, September 1887.

=*Cyanocompsa parellina indigotica* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 93, 1938.

30142. Adult male. Manzanillo Bay, State of Colima, México. February 1863. Collected by John Xántus. Original number 206.

P[asserina]. sumichrasti Ridgway

Manual of North American Birds, p. 447, September 1887.

=*Cyanocompsa parellina indigotica* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 93, 1938.

59683. Immature male. Tehuantepec, State of Oaxaca, México. Oct. 28, 1869. Collected by A. L. François Sumichrast. Original number 951.

Cyanocompsa concreta cyanescens Ridgway

Auk 15 (3): 229, May 14, 1898 (distribution date of author's advance copies).

=*Cyanocompsa cyanoides cyanoides* (Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 11: 96, 97, 1938.

146114. Adult (sex not indicated, but apparently male). Panamá. 1877. Received from Adolphe Boucard.

Although theoretically first published in July 1898, in fact "an author's edition of 100 copies of this paper was issued May 13, 1898 (see Auk 15: 223 [footnote 1], July 1898). A MS. note of Ridgway's states: "(100 extras rec'd and mostly distributed May 14, 1898.—R.R.)."

Cyanocompsa sterea Oberholser

Proc. Biol. Soc. Washington 14: 188, Dec. 12, 1901.

=*Cyanocompsa cyanea sterea* Oberholser. See Hellmayr, Catalogue of birds of the Americas 11: 99, 100, 1938.

173416. Adult female. Sapucay (on the railway between Asunción and Villarrica), Paraguay. July 21, 1900. Collected by William T. Foster. Original number 164.

Genus PASSERINA Vieillot

P[asserina]. versicolor pulchra Ridgway

Manual of North American birds, p. 448, September 1887.

=*Passerina versicolor pulchra* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 109, 1938.

87540. Adult male. Miraflores, State of Baja California, México. Apr. 4, 1882. Collected by Lyman Belding.

Cyanospiza rositæ Lawrence, *ex* Sumichrast (MS.)

Ann. Lyc. Nat. Hist. New York 10 (12–13): 397 (not earlier than March) 1874.

=*Passerina rositae* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 11: 111, 1938.

135002. Adult male. Cacoprieto, State of Oaxaca, México. January 1872. Collected by A. L. François Sumichrast. Original number 4a.

Passerina ciris pallidior Mearns

Proc. Biol. Soc. Washington 24: 217, Oct. 31, 1911.

163673. Adult male. Fort Clark, Kinney County, Texas. May 7, 1898. Collected by Edgar A. Mearns. Original number 11800.

Genus TIARIS Swainson

Euetheia olivacea intermedia Ridgway

Proc. Biol. Soc. Washington 3: 22 [p. 2 in extra], Feb. 26, 1885.

=*Tiaris olivacea intermedia* (Ridgway). See Hellmayr, Catalogue of Birds of the Americas 11: 118, 1938.

102710. Adult male. Cozumel Island, Caribbean Sea off the eastern coast of the State of Yucatán, México. Jan. 28, 1885. Collected by James E. Benedict and Thomas Lee. Received from the U.S. Fish Commission.

Euetheia bryanti Ridgway

Auk 15 (4) : 322, October 1898.

=*Tiaris olivacea bryanti* (Ridgway). See Bond, Check-list of birds of the West Indies, ed. 3, p. 165, 1950.

75351. Adult (sex not indicated). Puerto Rico. December 1866–January 1867. Collected by Henry Bryant. Original number 34. Received as part of the Bryant Collection.

Tiaris olivacea ravida Wetmore

Smithsonian Misc. Coll. 134 (9) : 100, July 8, 1957.

461411. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Jan. 31, 1956. Collected by Alexander Wetmore. Original number 20557.

Genus SPIZA Bonaparte

Emberiza Townsendii Audubon

Ornithological biography 2: 183, 1834.

Euspiza albigula Michener

U.S. agricultural report, p. 287, 1863.

Emberiza Auduboni Deane, *ex* Townsend (MS.)

Auk 26 (3) : 271, July 1909.

=*Spiza townsendii* (Audubon). See Ridgway, Birds of North and Middle America 1: 174, 175, 1901.

10282. Adult? male. New Garden, Chester County, Pennsylvania. May 11, 1833. Collected by John K. Townsend, for Ezra Michener. Received from Ezra Michener.

For full information on the history of this unique specimen, see Deane, Auk 26 (3) : 269–272, 1909.

Subfamily GEOSPIZINAE

Genus GEOSPIZA Gould

Geospiza albemarlei Ridgway

Proc. U.S. Nat. Mus. 17: 362, Nov. 15, 1894.

=*Geospiza fortis* Gould. See Swarth, Occas. Pap. California Acad. Sci. 18: 152, 153, 1931.

115977. Immature? male. Tagus Cove, Albermarle Island=Isabela Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 10, 1888. Collected by Charles H. Townsend? Received from the U.S. Fish Commission.

Geospiza fratercula Ridgway

Proc. U.S. Nat. Mus. 17: 363, Nov. 15, 1894.

=*Geospiza fortis* Gould. See Swarth, Occas. Pap. California Acad. Sci. 18: 152, 153, 1931.

116110. Adult male. Abingdon Island=Pinta Island, Galápagos Islands= Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 16, 1888. Collected by Charles H. Townsend? Received from the U.S. Fish Commission.

Cactornis brevirostris Ridgway

Proc. U.S. Nat. Mus. 12: 108, fig. 4, Feb. 5, 1890.

=*Geospiza fortis* Gould × *Geospiza scandens* (Gould)? See Lack, Occas. Pap. California Acad. Sci. 21: 11, 1945.

115920. Adult (not immature) male. Charles Island=Santa María Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 8, 1888. Collector unnamed. Received from the U.S. Fish Commission.

Geospiza debilirostris Ridgway

Proc. U.S. Nat. Mus. 17: 363, Nov. 15, 1894.

=*Geospiza difficilis debilirostris* Ridgway. See Lack, Occas. Pap. California Acad. Sci. 21: 13, 1945.

116003. Adult male. James Island=San Salvador Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 11, 1888. Collected by Charles H. Townsend? Received from the U.S. Fish Commission.

G[eospiza]. intermedia Ridgway

Proc. U.S. Nat. Mus. 17: 361, Nov. 15, 1894.

=*Geospiza scandens* (Gould). See Lack, Occas. Pap. California Acad. Sci. 21: 15, 1945.

115916. Adult male. Charles Island=Santa María Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 8, 1888. Collected by Charles H. Townsend? Received from the U.S. Fish Commission.

Geospiza fatigata Ridgway

Proc. U.S. Nat. Mus. 18: 293, Apr. 23, 1896.

=*Geospiza scandens* (Gould). See Swarth, Occas. Pap. California Acad. Sci. 18: 193, 1931; Lack, Occas. Pap. California Acad. Sci. 21: 15, 1945.

116048. Adult male. Indefatigable Island=Santa Cruz Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 12, 1888. Collected by Charles H. Townsend? Received from the U.S. Fish Commission.

Geospiza conirostris Ridgway

Proc. U.S. Nat. Mus. 12: 106, fig. 2, Feb. 5, 1890.

=*Geospiza conirostris conirostris* Ridgway. See Swarth, Occas. Pap. California Acad. Sci. 18: 201, 202, 1931.

116070. Adult male. Hood Island=Española Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 7, 1888. Collector unnamed. Received from the U.S. Fish Commission.

Geospiza media Ridgway

Proc. U.S. Nat. Mus. 12: 107, fig. 3, Feb. 5, 1890.

=*Geospiza conirostris conirostris* Ridgway. See Swarth, Occas. Pap. California Acad. Sci. 18: 201, 202, 1931.

116072. Adult male. Hood Island=Española Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 7, 1888. Collector unnamed. Received from the U.S. Fish Commission.

Genus CAMARHYNCHUS Gould

Camarhynchus rostratus Ridgway

Proc. U.S. Nat. Mus. 17: 363, Nov. 15, 1894.

=*Camarhynchus psittacula psittacula* Gould. See Swarth, Occas. Pap. California Acad. Sci. 18: 215–216, 1931.

116006. Adult male. James Island=San Salvador Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 11, 1888. Collected by Charles H. Townsend? Received from the U.S. Fish Commission.

Camarhynchus townsendi Ridgway

Proc. U.S. Nat. Mus. 12: 110, fig. 5, Feb. 5, 1890.

=*Camarhynchus psittacula psittacula* Gould. See Swarth, Occas. Pap. California Acad. Sci. 18: 215, 1931; Lack, Occas. Pap. California Acad. Sci. 21: 17, 1945.

115915. Adult male (in female plumage). Charles Island=Santa María Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 8, 1888. Collector unnamed. Received from the U.S. Fish Commission.

115914. Adult female. Same data as No. 115915.

Each of these specimens was described and treated as an equivalent cotype.

Camarhynchus pauper Ridgway

Proc. U.S. Nat. Mus. 12: 111, fig. 6, Feb. 5, 1890.

115913. Adult? female. Charles Island=Santa María Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 8, 1888. Collector unnamed. Received from the U.S. Fish Commission.

Camarhynchus salvini Ridgway
Proc. U.S. Nat. Mus. 17: 364, Nov. 15, 1894.
=*Camarhynchus parvulus salvini* Ridgway. See Swarth, Occas. Pap. California Acad. Sci. 18: 232, 1931.
125977. Adult male (in female plumage). Chatham Island=San Cristóbal Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Mar. 30, 1891. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus CACTOSPIZA Ridgway

C[actornis]. hypoleuca Ridgway
Proc. U.S. Nat. Mus. 12: 109, Feb. 5, 1890.
=*Cactospiza pallida hypoleuca* (Ridgway)? See Lack, Occas. Pap. California Acad. Sci. 21: 18, 1945.
115997. Immature? male. James Island=San Salvador Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 11, 1888. Collector unknown. Received from the U.S. Fish Commission.

Genus CERTHIDEA Gould

Certhidea cinerascens Ridgway
Proc. U.S. Nat. Mus. 12: 105, Feb. 5, 1890.
=*Certhidea olivacea cinerascens* Ridgway. See Lack, Occas. Pap. California Acad. Sci. 21: 18–19, 1945.
116069. Adult male. Hood Island=Española Island, Galápagos Islands=Archipiélago de Colón, eastern Pacific Ocean off Ecuador. Apr. 7, 1888. Collector unnamed. Received from the U.S. Fish Commission.

Genus PINAROLOXIAS Bowdler Sharpe

Cocornis Agassizi C. H. Townsend
Bull. Mus. Comp. Zool. 27 (3): 123, July 1895.
=*Pinaroloxias inornata* (Gould). See Swarth, Occas. Pap. California Acad. Sci. 18: 268, 1931.
131680. Adult male. Cocos Island, eastern Pacific Ocean at lat. 5°35′ N., long. 87°02′ W. Feb. 28, 1891. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Subfamily CARDUELINAE

Genus COCCOTHRAUSTES Brisson

Eophona melanura sowerbyi Riley
Proc. Biol. Soc. Washington 28: 163, Sept. 21, 1915.
=*Coccothraustes migratorius sowerbyi* (Riley), *fide* Deignan (MS.).
213242. Adult male. Chang Kow Hsien, Hupeh Province, China. Feb.

4, 1908. Collected by Walter R. Zappey. Received from the Museum of Comparative Zoölogy, where it was No. 50107.

Hartert and Steinbacher (Vögel der paläarktischen Fauna, Ergänzungsband 1: 36, 37, 1932) have recognized *Eophona migratoria pulla* Penard as the bird of the valley of the Yangtze, and have synonymized *sowerbyi* with *migratoria.* The type of *sowerbyi,* however, represents the resident form of the Yangtze valley, and Riley's name has four years' priority over Penard's.

Genus MYCEROBAS Cabanis

Mycerobas melanozanthos fratris-regis Deignan

Auk 60 (4) : 608, Oct. 7, 1943.

336124. Adult male. Doi Suthep (lat. 18°50′ N., long. 98°55′ E.), at elev. 5,500 feet, Province of Chiang Mai, Thailand. Feb. 2, 1936. Collected by Herbert G. Deignan. Original number 900.

Genus HESPERIPHONA Bonaparte

Hesperiphona vespertina, var. montana Ridgway

Bull. Essex Inst. 5 (11) : 181 [*nomen nudum*], 189, November 1873.

=*Hesperiphona vespertina montana* Ridgway. See Grinnell, Condor 19: 20–21, 1917.

35150. Adult male. Hacienda "Mirador," State of Veracruz, México. June 1864. Collected by Carl C. W. Sartorius. Original number 180.

Ridgway (*in* Baird, Brewer, and Ridgway, History of North American birds 1: 449, 1874) gave the range of *montana* as "Southern Rocky Mountains of United States, and mountains of Mexico," and (*ibid.*, p. 450) as "Southern Rocky Mountains of United States into Mexico; Orizaba! . . . Vera Cruz (alpine regions, breeding) . . . Guatemala . . . ." No type was specifically indicated, but, as has been pointed out by Grinnell (*op. cit.*, p. 18), "a virtual type" had been designated by the fact that Ridgway used No. 35150 for his drawing (pl. 22, fig. 4). Despite all this, the label of a skin from Cantonment Burgwyn, New Mexico (No. 11960), is the one that bears the words "Type of supposed 'var. montana'—RR." (in Ridgway's own hand). Mearns (Auk 7: 247, 1890) was therefore somewhat justified in establishing No. 11960 as the lectotype.

Grinnell's insistence on the importance of No. 35150's having served as model for the drawing resulted in reducing *mexicana* Chapman, 1897, to a synonym of *montana,* and permitting Grinnell himself to bestow the name *warreni* on the bird that ranges from Colorado through New Mexico. His reasoning, however, has sufficient cogency to induce me to list here only No. 35150, which is certainly the better prepared specimen.

More recently, Zimmer (Auk 70: 213, 1953) has thrown new light on the problem by showing that as far back as 1870 Baird (*in* Cooper, Geological survey of California, ornithology 1: 175–176) had referred to Ridgway's still unnamed form and given its range as "the table-lands of Mexico, and extending northward into New Mexico." This finding strengthens Grinnell's thesis and would seem to establish No. 35150 as the type beyond the possibility of further argument.

Hesperiphona abeillii [*sic*] **saturata** Sutton and Burleigh

Proc. Biol. Soc. Washington 52: 145, Oct. 11, 1939.

=*Hesperiphona abeillei saturata* Sutton and Burleigh.

342075. Adult male. Río Sabinas, near Gómez Farías, State of Tamaulipas, México. Mar. 4, 1938. Collected by Thomas D. Burleigh. Original number 6991. Received from the U.S. Fish and Wildlife Service.

Hesperiphona abeillii [*sic*] **cobanensis** Nelson

Proc. Biol. Soc. Washington 41: 155, Oct. 15, 1928.

=*Hesperiphona abeillei cobanensis* Nelson. See Hellmayr, Catalogue of birds of the Americas 11: 150, 1938.

30747. Adult male. Cobán, Department of Alta Vera Paz, Guatemala. 1861. Collected by Osbert Salvin and/or Frederick Du C. Godman? Received from Osbert Salvin and Frederick Du C. Godman, in whose private collection it was No. 3940.

Genus PYRRHULA Brisson

Pyrrhula coccinea var. **Cassini** "Baird" Dall

in Dall and Bannister, Trans. Chicago Acad. Sci. 1(2): 281, 1869.

Pyrrhula coccinea De Selys. Var. **Cassinii** Baird

Trans. Chicago Acad. Sci. 1 (2): 316, pl. 29, fig. 1 (not earlier than Oct. 22), 1869.

=*Pyrrhula pyrrhula cassinii* Baird. See Swarth, Proc. California Acad. Sci. (4) 17: 248–250, 1928.

49955. Adult (apparently female, not male). Nulato (on the Yukon River, about 13 miles below the mouth of the Koyukuk), Alaska. Jan. 10, 1867. Collected by William H. Dall. Original number 553. Western Union Company's Overland International Telegraph Expedition.

Pyrrhula coccinea var. *Cassini* Dall is a *nomen nudum.*

Pyrrhula steerei Mearns

Proc. U.S. Nat. Mus. 36: 445, May 22, 1909.

=*Pyrrhula leucogenys steerei* Mearns. See Mayr, *in* Delacour and Mayr, Birds of the Philippines, pp. 239–240, 1946.

210772. Adult male. Summit of Mount Bliss (elev. 5,750 feet), Mount Malindang, Province of Misamis, Mindanao Island, Philippine Islands. June 9, 1906. Collected by Edgar A. Mearns. Original number 14278.

Pyrrhula erythaca wilderi Riley

Proc. Biol. Soc. Washington 31: 33, May 16, 1918.

254074. Adult female. "Eastern Hills"=forest of the Eastern Tombs (about 60 miles east of Peking), Province of Hopeh, China. February 1917. Collected by George D. Wilder. Original number 419.

Genus POLIOSPIZA Bonaparte

Poliospiza albogularis sordahlae Friedmann

Proc. Biol. Soc. Washington 45: 65, Apr. 2, 1932.

331186. Adult male. Mount Brukkaros (at elev. 5,000 feet), Great Namaqualand, Territory of South-West Africa. July 15, 1930. Collected by Margaret Sordahl (Mrs. Louis O. Sordahl). Original number 7.

Crithagra kilimensis Richmond

Auk 14 (2) : 155, April 1897.

=*Poliospiza burtoni kilimensis* (Richmond). See Sclater, Systema avium æthiopicarum 2: 824, 1930.

118331. Adult male. Mount Kilimanjaro (at elev. 6,000 feet), Moshi District, Northern Division, Tanganyika Territory. Aug. 11, 1888. Collected by William L. Abbott.

Crithagra striolata affinis Richmond

Auk 14 (2) : 156, April 1897.

=*Poliospiza striolata striolata* (Rüppell). See Sclater, Systema avium æthiopicarum 2: 823 (footnote 1), 1930.

118319. Adult male. Mount Kilimanjaro (at elev. 6,000 feet), Moshi District, Northern Division, Tanganyika Territory. June 12, 1888. Collected by William L. Abbott.

Genus CARPODACUS Kaup

Carpodacus erythrinus grebnitskii Stejneger

U.S. Nat. Mus. Bull. 29: 265 (not earlier than July) 1885.

89162. Adult male. Petropavlovsk-Kamchatskii, Kamchatka District, Far-Eastern Region, U.S.S.R. June 29 (not 6), 1882. Collected by Leonhard H. Stejneger. Original number 1239.

Carpodacus purpureus nesophilus Burleigh and H. S. Peters

Proc. Biol. Soc. Washington 61: 122, June 16, 1948.

394070. Adult male. Stephenville Crossing (at the head of St. Georges Bay), southwestern Newfoundland Province, Canada. May 23, 1947. Collected by Thomas D. Burleigh. Original number 10337. Received from the U.S. Fish and Wildlife Service.

Carpodacus purpureus rubidus Duvall

Condor 47 (5) : 202, Sept. 29, 1945.

269192. Adult male. Harstine Island, Mason County, Washington. December 10, 1918. Collected by George G. Cantwell. Original number 403. Received from the U.S. Fish and Wildlife Service.

C[arpodacus]. californicus Baird

Rep. Expl. and Surv. R.R. Pac. 9: xxxvii (in list), 411 (in key), 413, 1858.

=*Carpodacus purpureus californicus* Baird. See Grinnell, Univ. California Publ. Zool. 38: 303, 1932.

10230. Adult male. Fort Tejon, Kern County, California. 1857? (entered into the museum register on May 4, 1858). Collected by John Xántus. Original number 1037.

Many specimens supposed to be representative of his new form were listed by Baird (*op. cit.*, p. 414), but since his diagnosis was based upon characters of the male, the potential number of cotypes is immediately greatly diminished by subtraction of the females. The number must be still further restricted by the fact that many, even among the males, would now be considered examples of more recently named races.

Grinnell (*loc. cit.*) has decided that the type should be No. 10230, which was the model for pl. 72, fig. 2, in Baird, Cassin, and Lawrence, "Birds of North America," 1860. It by no means follows that the model for a portrait in a later work must be the type of a name; indeed, we know that some plates in the work in question were drawn from specimens not even in the original series of 1858. In fact, however, some restriction of type locality was in this case essential, and Grinnell has inferentially performed such restriction. Since No. 10230 was the only male seen by Baird from Fort Tejon (and was, moreover, the only one listed on p. 412 in the tabulation of "Comparative measurements of species"), it alone is listed above.

Carpodacus cassinii vinifer Duvall

Condor 47 (5): 203, Sept. 29, 1945.

367522. Adult male. Swan Lake, Ferry County, Washington. June 17, 1942. Collected by Stanley G. Jewett. Original number 1502. Received from the U.S. Fish and Wildlife Service.

Carpodacus cassinii Baird

Proc. Acad. Nat. Sci. Philadelphia 7 (3): 119 (not earlier than June 27), 1854.

=*Carpodacus cassinii cassinii* Baird. See Duvall, Condor 47: 203–204, 1945.

6421. Adult (sex not indicated, but apparently male). "Camp 104," Pueblo Creek (vicinity of Aztec Pass, lat. 34°56′ N., long. 112°53′ W.), Yavapai County, Arizona (*not* New Mexico). Jan. 22, 1854. Collected by Caleb B. R. Kennerly and H. Baldwin Möllhausen. Original number 52. Pacific Railroad Survey, Line of the 35th Parallel.

6422. Adult female. "75 miles W. of Albuquerque," Valencia County, New Mexico. Nov. 15, 1853. Collected by Caleb B. R. Kennerly and H. Baldwin Möllhausen. Original number 16. Pacific Railroad Survey, Line of the 35th Parallel.

There were three cotypes of this form, only two of which are still in the museum; the third, No. 6420, a male with data as for No. 6421, was sent in April 1872 to the Museo Nacional, Buenos Aires. Since Baird's diagnosis placed greater emphasis on characters of the male, Duvall (*loc. cit.*) has restricted the type locality to the provenience of the two males and has established No. 6421, the male still in Washington, as the lectotype.

Carpodacus mexicanus sordidus Aldrich

Proc. Biol. Soc. Washington 62: 29, Mar. 17, 1949.

395960. Adult male. Pullman, Whitman County, Washington. July 12, 1948. Collected by Thomas D. Burleigh. Original number 11199. Received from the U.S. Fish and Wildlife Service.

Carpodacus clementis Mearns

Auk 15 (3) : 258, July 1898.

=*Carpodacus mexicanus clementis* Mearns. See Grinnell, Univ. California Publ. Zool. 38: 304, 1932.

134784. Adult male. San Clemente Island, Los Angeles County, California. Aug. 25, 1894. Collected by Edgar A. Mearns. Original number 11345. United States-Mexican International Boundary Commission.

Carpodacus amplus Ridgway

Bull. U.S. Geol. and Geogr. Surv. Terr. 2 (2) : 187, 1876.

=*Carpodacus mexicanus amplus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 156, 1938.

70004. Adult male. Guadalupe Island (lat. 29°00′ N., long. 118°15′ W.), eastern Pacific Ocean off the State of Baja California, México. Feb. 16, 1875. Collected by Edward Palmer. Original number 8.

70005. Adult male. Same data as No. 70004.

80452=70006 reentered. Same data as No. 70004.

70007. Adult male. Same data as No. 70004.

70008. Adult male. Same data as No. 70004.

70009. Adult male. Same data as No. 70004.

70010. Adult female. Guadalupe Island. Feb. 16, 1875. Collected by Edward Palmer. Original number 7.

70011. Adult female. Same data as No. 70010.

80453=70012 reentered. Same data as No. 70010.

70013. Immature (sex not indicated). Guadalupe Island. May 5, 1875. Collected by Edward Palmer. Original number 39.

70014. Immature (sex not indicated). Guadalupe Island. May 5, 1875. Collected by Edward Palmer. Original number 40.

Each of the eleven specimens in Ridgway's original series is an equivalent cotype.

Nos. 70006 and 70012 at some time entered the private collection of Robert Ridgway, had their original labels removed, and, when returned to the Museum in 1880, were entered into the register under wholly new numbers.

Carpodacus frontalis ruberrimus Ridgway

Manual of North American birds, p. 391 (footnote 2), September 1887.

=*Carpodacus mexicanus ruberrimus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 155, 1938.

12973. Adult male. Cape San Lucas, State of Baja California, México. April 1859. Collected by John Xántus. Original number 20.

16510. Adult male. Cape San Lucas, State of Baja California, México. June 1859. Collected by John Xántus. Original number 819.

16963. Adult male. Cape San Lucas, State of Baja California, México. Sept. 20, 1859. Collected by John Xántus.

26546. Adult male. San José del Cabo, State of Baja California, México. Dec. 6, 1859. Collected by John Xántus. Original number 3449.

86285. Adult male. La Paz, State of Baja California, México. Jan. 13, 1882. Collected by Lyman Belding.

86286. Adult male. Same data as No. 86285.

86287. Adult male. Same data as No. 86285.

It is no longer possible to give the exact number of adult male cotypes in Ridgway's original series, but entries in the early registers indicate that many more than the seven here listed must have lain before him. No locality more definite than "Cape St. Lucas" was mentioned, and one might have supposed that when, long afterward, Ridgway chose a lectotype, he would have selected one of the skins so labeled. On the contrary, however, he chose No. 86286, which, in the color of its under tail coverts, does not even agree with the description of *ruberrimus*. In fact, despite Ridgway's assertion that "in all of the 'Cape St. Lucas' specimens the under tail-coverts are deeply tinged with pink," only No. 26546, of those still in the museum, can accurately be so described!

No. 16963 at some time entered Ridgway's private collection, and now carries, as its oldest label, Ridgway's own. No. 86285 is currently in the mounted exhibition collection.

Carpodacus mexicanus sonoriensis Ridgway

Birds of North and Middle America 1: 135, Oct. 24, 1901.

164320. Adult male. Álamos (lat. 27°01′ N., long. 108°58′ W.), State of Sonora, México. Dec. 30, 1898. Collected by Edward A. Goldman. Original number 6037. Received from the U.S. Fish and Wildlife Service.

164321. Adult male. Original number 6039. Other data same as No. 164320.

164322. Adult male. Original number 6038. Other data same as No. 164320.

164323. Adult male. Álamos, State of Sonora, México. Jan. 27, 1899. Collected by Edward A. Goldman. Original number 6136. Received from the U.S. Fish and Wildlife Service.

164324. Adult male. Original number 6036. Other data same as No. 164320.

Ridgway named this form (only inferentially on characters of the male) from a series of three males from Batopilas, Chihuahua, and five males from Álamos, Sonora. He himself did not consider the two groups quite homogeneous (*op. cit.*, pp. 135–136 [footnote 3]), and while he indicated neither type nor type locality, his choice of a subspecific name enables us to restrict the type locality to the only possible Sonoran provenience.

The five here listed are equivalent cotypes; No. 164324, stated by Van Rossem (Trans. San Diego Soc. Nat. Hist. 6: 295, 1931), on Richmond's authority, to be the type, is only a lectotype, selected without regard for the fact that it is the one bird of the five to have some of the breast feathers abnormally colored!

Carpodacus mexicanus centralis Moore

Condor 39 (5) : 204, Sept. 15, 1937.

105265. Adult (sex not indicated, but apparently male). Guanajuato, State of Guanajuato, México. Entered into the museum register on July 28, 1885. Collected by Alfred Dugès.

Carpodacus mexicanus coccineus Moore

Proc. Biol. Soc. Washington 52: 128, July 22, 1939.

31826. Adult male. "Mountains of Colima"=Volcán de Nieve, at about 6,000 feet (see Moore, *loc. cit.*, p. 129), State of Colima, México. June 1863. Collected by John Xántus. Original number 1003.

Genus LOXIGILLA Lesson

Loxigilla portoricensis var. **grandis** Lawrence

Proc. U.S. Nat. Mus. 4: 204, Nov. 25, 1881.

=*Loxigilla portoricensis grandis* Lawrence. See Bond, Checklist of birds of the West Indies, ed. 3, p. 167, 1950.

80930. Adult female. Saint Kitts Island, Leeward Islands, Caribbean Sea. 1880 (entered into the museum register on Oct. 23). Collected by Frederick A. Ober. Original number 225.

Lawrence gave a full description of an unspecified adult male, following this with a comment to the effect that "the plumage of the female is similar to that of the male, "and, farther along, giving measurements of an unspecified female. It would thus appear that the type should be a male and that his reference under "Remarks" to "the female from St. Kitts chosen as the type" should be considered a *lapsus calami*, but the one female now in Washington has been set aside by Richmond as *the* type, and Dr. John T. Zimmer, with whom I have discussed the problem, is in agreement with Richmond.

Lawrence stated that the original series consisted of nine specimens from Ober, of which but one, a male, was in olive-colored plumage; he indicated further that the entire series was in the United States National Museum. In fact, however, but three specimens were ever entered into the museum register, Nos. 80928 (adult male), 80929 (immature male), and 80930 (adult female). The remainder of the series seems to be two adult males now in the American Museum of Natural History, New York, and three adult males and one adult female now in the Chicago Natural History Museum (*ex* Cory Collection).

Even if we are to follow Richmond in accepting a female as type, it is obvious that the Chicago skin (No. 9069) has equal status with ours and that each one can only be a cotype. If, on the other hand, an adult male is to be considered type, then our No. 80928 has no better claim than the two in New York and the three in Chicago, and all of these must be considered cotypes.

[Loxigilla violacea] β. bahamensis Ridgway

Proc. U.S. Nat. Mus. 1: 250, 1878 or 1879.

=*Loxigilla violacea violacea* (Linnaeus). See Hellmayr, Catalogue of birds of the Americas 11: 160, 1938.

74707. Adult (sex not indicated, but apparently male). Nassau, New Providence Island, Bahama Islands. Entered into the museum register on Sept. 16, 1878. Collected by Henry Bryant. Received from Henry Bryant, in whose private collection it was No. 686.

Loxigilla violacea maurella Wetmore

Smithsonian Misc. Coll. 81 (13) : 4, May 15, 1929.

250456. Adult male. Tortuga (Tortue) Island, Caribbean Sea off the northern coast of the northwestern peninsula of Hispaniola. Feb. 2. 1917. Collected by William L. Abbott.

Pyhrrulagra [*sic*] affinis "(Baird)" Ridgway

Auk 15 (4) : 322, October 1898.

=*Loxigilla violacea affinis* (Ridgway). See Bond, Checklist of birds of the West Indies, ed. 3, p. 168, 1950.

42465. Adult female (not "♂ ad.?"). Port-au-Prince, Republic of Haiti, Hispaniola. May 8, 1866 (not 1865). Collected by A. E. (not C.) Younglove. Original number 93.

This specimen, long before it achieved typeship, was sent to Henry Bryant, in whose private collection it became No. 1289. It was returned to Washington in the distribution of the Bryant Collection, after that collector's demise.

Loxigilla violacea parishi Wetmore

Proc. Biol. Soc. Washington 44: 27, Feb. 21, 1931.

317354. Adult male. Île à Vache (off the southern coast of the Tiburon Peninsula), Republic of Haiti, Hispaniola. Apr. 30, 1930. Collected by Simms W. Parish. Original number 502. Parish-Smithsonian Expedition to Haiti.

Pyrrhulagra coryi Ridgway

Auk 15 (4) : 323, October 1898.

=*Loxigilla noctis coryi* (Ridgway). See Bond, Checklist of birds of the West Indies, ed. 3, p. 168, 1950.

80965. Adult male. Saint Eustatius Island, Leeward Islands, Caribbean Sea. 1880 (entered into the museum register on October 23). Collected by Frederick A. Ober. Original number 171.

Pyrrhulagra dominicana Ridgway

Auk 15 (4) : 323 October 1898.

=*Loxigilla noctis dominicana* (Ridgway). See Bond, Checklist of birds of the West Indies, ed. 3, p. 169, 1950.

77820. Adult male. Mountain Lake (elev. 2,500 feet), Dominica Island, Leeward Islands, Caribbean Sea. 1877. Collected by Frederick A. Ober. Original number 6.

Pyrrhulagra crissalis Ridgway

Auk 15 (4): 323, October 1898.

=*Loxigilla noctis crissalis* (Ridgway). See Bond, Checklist of birds of the West Indies, ed. 3, p. 169, 1950.

74083. Adult male. Cumberland Valley, Saint Vincent Island, Windward Islands, Caribbean Sea. Oct. 22, 1877. Collected by Frederick A. Ober. Original number 408.

Genus SPOROPHILA Cabanis

Sporophila incerta Riley

Proc. Biol. Soc. Washington 27: 213, Oct. 31, 1914.

=*Sporophila schistacea incerta* Riley. See Meyer de Schauensee, Proc. Acad. Nat. Sci. Philadelphia 104: 164, 1952.

236586. Adult (sex not indicated, but apparently male). Gualea (near Nanegal), Province of Pichincha, Ecuador. Entered into the museum register on July 21, 1914. Received from Otto Holstein.

Spermophila atriceps "Baird, M.S." Lawrence.

Ann. Lyc. Nat. Hist. New York 8: 479 (not earlier than May 13), 1867.

=*Sporophila torqueola torqueola* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 11: 186, 1938.

34035. Adult male. Mazatlán, State of Sinaloa, México. Jan. 14, 1862. Collected by Andrew J. Grayson. Original number 54.

Spermophila badiiventris Lawrence

Ann. Lyc. Nat. Hist. New York 8: 171 (not earlier than November) 1865.

=*Sporophila americana corvina* (Sclater). See Hellmayr, Catalogue of birds of the Americas 11: 189, 190, 1938; Meyer de Schauensee, Proc. Acad. Nat. Sci. Philadelphia 104: 168, 1952.

37618. Subadult male. Greytown=San Juan del Norte, Department of Chontales, Nicaragua. April 1865. Collected by Robert Kennicott. Original number 18.

Spermophila collaris Lawrence

Ann. Lyc. Nat. Hist. New York 8: 176 (not earlier than November) 1865.

=*Sporophila americana aurita* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 11: 191, 1938; Meyer de Schauensee, Proc. Acad. Nat. Sci. Philadelphia 104: 169, 1952.

40301. Adult male. David, Province of Chiriquí, Panamá. March 1865. Collected by Fred Hicks.

Spermophila Hicksii Lawrence

Ann. Lyc. Nat. Hist. New York 8: 170 (not earlier than November) 1865.

=*Sporophila americana aurita* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 11: 191, 1938; Meyer de Schauensee, Proc. Acad. Nat. Sci. Philadelphia 104: 169, 1952.

40300. Adult male. Panamá. Jan. 7, 1865. Collected by Fred Hicks. Original number 70.

Camarhynchus leucopterus Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 118, "pl. XXXII, fig. 1," 1848.

=*Sporophila telasco* (Lesson). See Hellmayr, Catalogue of birds of the Americas 11: 213, 1938.

14886. Adult female. Near Callao, Province of Callao, Perú. Early in July 1839. Original number 284. U.S. Exploring Expedition (1838-1842).

15124. Adult male. Near Callao, Province of Callao, Perú. Early in July 1839. Original number 284. U.S. Exploring Expedition (1838-1842).

Spermophila parva Lawrence

Ann. New York Acad. Sci. 2 (12): 382 (not earlier than June) 1883.

=*Sporophila minuta parva* (Lawrence). See Meyer de Schauensee, Proc. Acad. Nat. Sci. Philadelphia 104: 191, 1952.

59694. Adult female. Tehuantepec, State of Oaxaca, México. Nov. 12, 1869. Collected by A. L. François Sumichrast. Original number 997.

Spermophila palustris Barrows

Bull. Nuttall Orn. Club 8 (2): 92, April 1883.

=*Sporophila palustris* (Barrows). See Meyer de Schauensee, Proc. Acad. Nat. Sci. Philadelphia 104: 193, 1952.

200961. Adult male. Concepción del Uruguay, Province of Entre Ríos, Argentina. Feb. 2, 1880. Collected by Walter B. Barrows. Original number 534.

200962. Adult male. Concepción del Uruguay, Province of Entre Ríos, Argentina. Nov. 27, 1880. Collected by Walter B. Barrows. Original number 913.

200963. Male (breeding, but in predominantly immature plumage). Concepción del Uruguay, Province of Entre Ríos, Argentina. November 30, 1880. Collected by Walter B. Barrows. Original number 919.

Barrows indicated that his original series comprised nine males and two females. Two cotypes, both males, are now Nos. 31309 and 31597 in the Museum of Comparative Zoology, and two others, a male and a female from the Sclater Collection, are now in the British Museum (Natural History). The present location of the remaining three males and one female is apparently unrecorded.

Genus ORYZOBORUS Cabanis

Oryzoborus nuttingi Ridgway

Proc. U.S. Nat. Mus. 6: 401, Apr. 26, 1884.

=*Oryzoborus crassirostris nuttingi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 243, 1938.

91195. Adult male. Hacienda "Los Sábalos" (on the Río San Juan, about 30 miles from the east shore of Lake Nicaragua), Department of Chontales, Nicaragua. May 4, 1883. Collected by Charles C. Nutting. Original number 847.

91196. Adult male. Hacienda "Los Sábalos," Department of Chontales, Nicaragua. May 10, 1883. Collected by Charles C. Nutting. Original number 898.

91198. Adult female. Original number 897. Other data same as for No. 91196.

91197. Immature female. Original number 899. Other data same as for No. 91196.

O[ryzoborus]. salvini Ridgway

Proc. U.S. Nat. Mus. 6: 401 (footnote), Apr. 26, 1884.

=*Oryzoborus funereus* Sclater. See Hellmayr, Catalogue of birds of the Americas 11: 248, 1938.

91193. Adult female. Hacienda "Los Sábalos" (on the Río San Juan, about 30 miles from the east shore of Lake Nicaragua), Department of Chontales, Nicaragua. May 16, 1883. Collected by Charles C. Nutting. Original number 944.

91194. Subadult (sex not indicated, but apparently female). Hacienda "Los Sábalos," Department of Chontales, Nicaragua. Apr. 30 (not 20), 1883. Collected by Charles C. Nutting. Original number 810.

Genus VOLATINIA Reichenbach

Volatinia jacarini atronitens Todd

Proc. Biol. Soc. Washington 33: 72, Dec. 30, 1920.

=*Volatinia jacarina splendens* (Vieillot). See Hellmayr, Catalogue of birds of the Americas 11: 251, 254, 1938.

166744. Adult male. Campeche, State of Campeche, México. June 9, 1900. Collected by Edward W. Nelson and Edward A. Goldman. Original number 7316. Received from the U.S. Fish and Wildlife Service.

Geospiza peruviensis Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 115, "pl. XXXI, figs. 1, 2," 1848.

=*Volatinia jacarina peruviensis* (Peale). See Hellmayr, Catalogue of birds of the Americas 11: 255, 1938.

15749. Adult male (winter plumage). Between Callao and Lima, Perú. July 1839. Original number 285. U.S. Exploring Expedition (1838–1842).

14883. Adult female. Same data as No. 15749.

No. 15749 was sent to the Chicago Academy of Sciences on Jan. 25, 1881, but was returned to Washington in 1919.

Genus PINICOLA Vieillot

Pinicola enucleator alascensis Ridgway

Auk 15 (4): 319, October 1898.

86510. Adult male. Woods six miles north of Nushagak (on Nushagak Bay below the mouth of the Nushagak River), southwestern Alaska. June 9, 1881. Collected by Charles L. McKay. Original number 9.

P[inicola]. enucleator kodiaka Ridgway

Manual of North American birds, p. 388, September 1887.

=*Pinicola enucleator flammula* Homeyer. See Hellmayr, Catalogue of birds of the Americas 11: 258, 259, 1938.

54465. Adult male. Kodiak Island (off the eastern coast of the Alaska Peninsula), southern Alaska. July 25, 1868. Collected by Ferdinand Bischoff.

Ridgway based this form upon numerous specimens from both Kodiak Island and Sitka, all of which have equivalent status as cotypes. No. 54465 carries a red label, upon which Ridgway himself has written "Pinicola enucleator kodiaka Ridgw.," but it must be understood that this is no more than a lectotype. Since it is no longer possible to reconstruct the original series, I do not attempt to list the remaining cotypes.

Pinicola enucleator montana Ridgway

Auk 15 (4): 319, October 1898.

159689. Adult female. Bear Creek, Gallatin County, Montana. July 28, 1890. Collected by Frank H. Knowlton.

Genus LEUCOSTICTE Swainson

Leucosticte tephrocotis irvingi Feinstein

Proc. Biol. Soc. Washington 71: 11, Apr. 11, 1958.

435409. Adult male. Anaktuvuk Pass, Brooks Range, northern Alaska. June 29, 1949. Collected by Thomas Brower. Original number A 493a. Received from the Arctic Health Research Center, Anchorage, Alaska.

Leucosticte tephrocotis umbrina O. J. Murie

Condor 46 (3): 122, May 24, 1944.

242705. Adult male. Saint Paul Island, Pribilof Islands, Bering Sea. June 22, 1914. Collected by Edward A. Preble. Original number 2222. Received from the U.S. Fish and Wildlife Service.

Leucosticte littoralis Baird

Trans. Chicago Acad. Sci. 1 (2): 318, pl. 28, fig. 1 (not earlier than Oct. 22), 1869.

=*Leucosticte tephrocotis littoralis* Baird. See Hellmayr, Catalogue of birds of the Americas 11: 261, 1938.

45976. Adult female. Sitka, Baranof Island, southeastern Alaska. January 1866. Collected by F. Seiffert for Ferdinand Bischoff.

61131. Adult (sex not indicated). Port (not Fort) Simpson, Coast Electoral District, Province of British Columbia, Canada. 1864 or 1865. Collected by James Hepburn.

The type of this form has been variously mentioned, even by Ridgway, as now the one from Sitka, again the one from Port Simpson. In fact, each of the two is an equivalent cotype.

No. 61131, not entered into the museum register until December 1870, carries a tag with the words "To be returned to J. Hepburn S. F.", in Hepburn's own hand. A second label, filled in wholly by Baird, has, on the reverse side, "Return to J. Hepburn," and on the obverse, "Type." Whether or not the skin was returned to Hepburn and later presented by him to the museum cannot now be known.

No. 45976, the museum's own property, does not show the word "Type," but bears instead the circular red tab that was once used in Washington to identify a type specimen.

Since one of the two had to be returned to private ownership, it is clear that Baird had every reason to treat the second specimen as a cotype.

Leucosticte campestris Baird

in Cooper, Geological survey of California, Orn. 1: 163 (not earlier than October) 1870.

=*Leucosticte tephrocotis littoralis* Baird. See Hellmayr, Catalogue of birds of the Americas 11: 261, 1938.

41527. Adult (sex not indicated). Near Denver (probably somewhere in Jefferson County), Colorado. January 1862. Collected by C. Wernigk.

Leucosticte atrata Ridgway

American Sportsman 4 (16): 241, July 18, 1874.

=*Leucosticte tephrocotis atrata* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 263, 1938.

60638. Adult male. North side of the Uinta Mountains, Summit County, Utah. Sept. 20, 1870. Collected by H. D. Schmidt. Original number 553. U.S. Geological Survey of the Territories, Expedition of 1870.

162695. Adult male. Canon City, Fremont County, Colorado. Apr. 20, 1874. Collected by Charles E. H. Aiken. Original number 1537.

This name was established upon a series of two males and three females, of which one male (our No. 60638) had been in the museum since October 1870, while the remainder formed part of Aiken's private collection.

Late in 1897 or early in 1898, No. 162695 was purchased from Aiken for $25.00. Although its oldest label bears the word "Type" in Ridgway's hand, it is only one of five cotypes.

On this label also appears the name "L. atro-rosea Ridgway," which was later to appear as a *nomen nudum,* (spelled "*atrirosea*") in Proc. Boston Soc. Nat. Hist. 7 (4): 486, February 1877, where was announced the gift of the "original specimen" by Aiken to the Society. The skin, a female collected at Canon City on Apr. 18, 1874, is now No. 88564 of the collection of the Museum of Comparative Zoology. The fate of the other cotypes is unknown to me.

Genus CARDUELIS Brisson

Ægiothus exilipes Coues

Proc. Acad. Nat. Sci. Philadelphia, for 1861: 385 (not earlier than Nov. 26), 1861.

=*Carduelis flammea exilipes* (Coues). See Hellmayr, Catalogue of birds of the Americas 11: 268, 1938; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

19686. Adult male. Fort Simpson, at the confluence of the Mackenzie and Liard Rivers, District of Mackenzie, Northwest Territories, Canada. Apr. 30, 1860. Collected by Bernard R. Ross. Original number 171.

Aegiothus fuscescens Coues

Proc. Acad. Nat. Sci. Philadelphia, for 1861: 222 (not earlier than Aug. 27), 1861.

=*Carduelis flammea fuscescens* (Coues). See Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 47, 1932.

18096. Adult female. Groswater Bay=Lake Melville (the upper part of the estuary of the Hamilton River), Labrador Peninsula, Province of Newfoundland, Canada. July 19, 1860. Collected by Elliott Coues. Original number 87.

18097. Adult female. Groswater Bay=Lake Melville, Labrador Peninsula, Province of Newfoundland, Canada. July 17, 1860. Collected by Elliott Coues. Original number 76.

18098. Adult male. Groswater Bay=Lake Melville, Labrador Peninsula, Province of Newfoundland, Canada. July 24, 1860. Collected by Elliott Coues. Original number 98.

18100. Adult male. Groswater Bay=Lake Melville, Labrador Peninsula, Province of Newfoundland, Canada. July 17, 1860. Collected by Elliott Coues. Original number 75.

18102. Adult male. Groswater Bay=Lake Melville, Labrador Peninsula, Province of Newfoundland, Canada. July 23, 1860. Original number 93.

Coues's original series was composed of seven specimens, of which Nos. 18099, a male, and 18101, a female, were sent on Jan. 12, 1862, to the Academy of Natural Sciences of Philadelphia.

Nos. 18097 and 18102 at some time entered the private collection of Robert Ridgway, who removed the original labels of Coues and transferred onto his own labels only what he considered important. Since on the reverse of each label he has written "One of the types of '*fuscescens*, Coues'!," we must assume that he was not unaware of the importance of these particular specimens.

Spinus pinus vagans Aldrich

Proc. Biol. Soc. Washington 59: 133, Oct. 25, 1946.

=*Carduelis pinus vagans* (Aldrich). See Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

228860. Adult male. Edna, Boise County, Idaho. June 21, 1910. Collected by Stanley G. Jewett. Original number 109. Received from the U.S. Fish and Wildlife Service.

In a letter dated Feb. 25, 1954, the collector informs me that "Edna . . . was a deserted mine in June, 1910. . . . The location . . . is in Boise County, on Crooked Creek, a tributary of the north Boise River about 15 miles east of Idaho City, Boise County, Idaho. . . . The country is in the semi-arid Transition Zone, typical yellow pine forest with associated plants, birds, and mammals."

Fringilla mexicana ["Swainson"] Audubon

Ornithological biography 5: 282, pl. 433, fig. 4, 1839.

Carduelis Yarrellii Audubon

Synopsis of the birds of North America, p. 117, 1839.

=*Carduelis yarrellii* Audubon. See Grinnell, Univ. California Publ. Zool. 38: 322–323, 1932; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

2037. Adult male. "Upper California," error (type locality altered to Baía=São Salvador, State of Baía, Brazil, by Todd, Ann. Carnegie Mus. 17: 31–32, 1926). Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon, who, in turn, obtained it from William Swainson.

Spinus ictericus peruanus von Berlepsch and Stolzmann

Proc. Zool. Soc. London, for 1896 (2): 352, Aug. 1, 1896.

=*Carduelis magellanica peruana* (von Berlepsch and Stolzmann). See Hellmayr, Catalogue of birds of the Americas 11: 279, 1938; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

159851. Adult male. La Merced, Chanchamayo, Department of Junín, Perú. Jan. 9, 1891. Collected by Jan Kalinowski. Original number 1069. Received from the Branicki Museum, Warsaw.

This form was established upon "nombreux individus de La Merced (janvier) et de Garita del Sol (juillet 1891)," all of which are cotypes. Stolzmann and Domanievski (Ann. Zool. Mus. Polonici 6: 170, 1927) have made a skin in Warsaw (No. P.2763), having all data identical with those of our specimen, a lectotype, but its claims to typeship are no different from those of the Washington bird.

Chrysomitris siemiradzkii von Berlepsch and Taczanowski

Proc. Zool. Soc. London, for 1883 (4): 551, pl. 50, April 1884.

=*Carduelis siemiradzkii* (von Berlepsch and Taczanowski). See Hellmayr, Catalogue of birds of the Americas 11: 286, 1938; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

108233. Adult male. Guayaquil, Province of Guayas, Ecuador. September 1882. Collected by Joseph Siemiradski. Original number 74. Received from Hans von Berlepsch.

This name was based upon four adult males and one female, collected in August and September 1882 at Guayaquil, all of which are cotypes. Stolzmann and Domanievski (Ann. Zool. Mus. Polonici 6: 170, 1927) have set up a skin in Warsaw (No. P.2765), having all data identical with those of our specimen, as lectotype, but as in the case of *Spinus ictericus peruanus*, its claims to typeship are no higher than those of the bird in Washington.

Chrysomitris Bryantii Cassin

Proc. Acad. Nat. Sci. Philadelphia, for 1865: 91 (not earlier than May 30), 1865.

=*Carduelis xanthogastra xanthogastra* (du Bus). See Hellmayr, Catalogue of birds of the Americas 11: 289, 1932; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

35297. Adult male. Santa María de Dota, Province of Cartago, Costa Rica. July 25, 1864. Collected by Julián Carmiol.

35299. Adult male. Same data as No. 35297.

35300. Adult female. Same data as No. 35297.

There were apparently four males and four females in Cassin's original series. Of these two males and two females have vanished from the collection without trace, but one female (No. 35301) was at some time sent to Osbert Salvin and is now in the collection of the British Museum (Natural History), London.

Carduelis Stanleyi Audubon

Synopsis of the birds of North America, p. 118, 1839.

=*Carduelis barbata* (Molina). See Grinnell, Univ. California Publ. Zool. 38: 323, 1932; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

2035. Adult male. "Upper California," error=Valparaíso, Province of Aconcagua, Chile (see Cassin, Proc. Acad. Nat. Sci. Philadelphia, for 1865: 90, 1865). Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon, who in turn (probably) obtained it from John K. Townsend.

2036. Adult female. "Upper California," error=Valparaíso, Province of Aconcagua, Chile. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon, who in turn (probably) obtained it from John K. Townsend.

Spinus tristis salicamans Grinnell

Auk 14 (4): 397, October 1897.

=*Carduelis tristis salicamans* (Grinnell). See Grinnell, Univ. California Publ. Zool. 38: 304, 1932; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

160934. Adult male (in winter plumage). Pasadena="Eaton Cañon 'wash' some 3 miles southeast of Altadena" (see Grinnell, *loc. cit.*), Los Angeles County, California. Dec. 21, 1895. Collected by Joseph Grinnell. Original number 575. Received from Joseph Grinnell, of whose private collection it once formed part.

Astragalinus psaltria hesperophilus Oberholser

Proc. Biol. Soc. Washington 16: 116, Sept. 30, 1903.

=*Carduelis psaltria hesperophila* (Oberholser). See Grinnell, Univ. California Publ. Zool. 38: 304, 1932; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

139158. Adult male. San Bernardino, San Bernardino County, California. Dec. 28, 1890. Collected by Albert K. Fisher. Original number 7. Received from the U.S. Fish and Wildlife Service.

Chrysomitris (Pseudomitris) mexicanus var. **arizonæ** Coues

Proc. Acad. Nat. Sci. Philadelphia 18: 82 (not earlier than Mar. 27), 1866.

=*Carduelis psaltria psaltria* (Say). See Hellmayr, Catalogue of birds of the Americas 11: 298, 1938; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

37088. Adult male. Ten miles east of Fort Wingate, McKinley County, New Mexico. June 28, 1864. Collected by Elliott Coues. Original number 416.

37091. Adult male. Original number 418. Other data same as for No. 37088.

37092. Adult male. Original number 417. Other data same as for No. 37088.

These three seem to have been the only specimens seen by Coues from Fort Wingate, although he had numerous paratypes from Fort Whipple.

No. 37091 at some time entered the private collection of Robert Ridgway as "An original type"; happily, in this instance, Coues's label was not removed.

Fringilla texensis Giraud

Description of sixteen new species of North American birds, [p. 19,] pl. 5, fig. 1, 1841.

=*Carduelis psaltria psaltria* (Say). See Hellmayr, Catalogue of birds of the Americas 11: 298, 1938; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

47700. Adult (sex not indicated, but apparently female). "Texas." "1838." Received from Jacob P. Giraud, Jr.

See my remarks under *Muscicapa texensis* Giraud (p. 275).

A cotype of this form, acquired by Baird from Bell in 1841, became his No. 559 and later entered the museum collection under the same number. The specimen seems to have vanished without trace.

Astragalinus mexicanus jouyi Ridgway

Auk 15 (4) : 320, October 1898.

=*Carduelis psaltria jouyi* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 299, 1938; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

106250. Adult male. Temax, State of Yucatán, México. December 1884. Collected by George F. Gaumer.

Spinus psaltria croceus Jouy

Proc. U.S. Nat. Mus. 16: 780, Apr. 18, 1894.

=*Carduelis psaltria colombiana* Lafresnaye. See Hellmayr, Catalogue of birds of the Americas 11: 299, 300, 1938; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

53839. Adult male. Panamá. 1862. Collected by James McLeannan.

Chrysomitris dominicensis Bryant

Proc. Boston Soc. Nat. Hist. 11: 93 (not earlier than May) 1867.

=*Carduelis dominicensis* (Bryant). See Bond, Checklist of birds of the West Indies, ed. 3, p. 170 (footnote 206), 1950; Hartert and Steinbacher, Vögel der paläarktischen Fauna, Ergänzungsb. 1: 40, 1932.

42464. Adult (sex not indicated). Mountains near Port-au-Prince, Republic of Haiti, Island of Hispaniola. June 3, 1866. Collected by A. E. Younglove. Original number 130.

Genus LOXIA Linnaeus

Loxia curvirostra japonica Ridgway

Proc. Biol. Soc. Washington 2: 103 (footnote), Apr. 28, 1884.

91432. Adult male. Tateyama, a mountain in Toyama Prefecture, Honshu Island, Japan. Oct. 27, 1882. Collected by Pierre L. Jouy. Original number 727.

91433. Adult male. Tateyama, Toyama Prefecture, Honshu Island, Japan. Nov. 24, 1882. Collected by Pierre L. Jouy. Original number 805.

91434. Adult female. Tateyama, Toyama Prefecture, Honshu Island, Japan. Nov. 24, 1882. Collected by Pierre L. Jouy. Original number 806.

91435. Adult female. Tateyama, Toyama Prefecture, Honshu Island, Japan. Nov. 24, 1882. Collected by Pierre L. Jouy. Original number 854.

91569. Adult female. Tateyama, Toyama Prefecture, Honshu Island, Japan. Oct. 27, 1882. Collected by Pierre L. Jouy. Original number 724.

There was at least one other cotype, No. 91431, an adult female, which cannot now be found in the collection.

Loxia curvirostra bendirei Ridgway

Proc. Biol. Soc. Washington 2: 101, Apr. 28, 1884.

94881. Adult male. Fort Klamath, Klamath County, Oregon. Jan. 8, 1883. Collected by Charles E. Bendire. Original number 390.

94892. Adult female. Fort Klamath, Klamath County, Oregon. Dec. 5, 1882. Collected by Charles E. Bendire. Original number 314.

Ridgway had no fewer than 22 Bendire-taken skins from Fort Klamath, all of which might properly be considered cotypes. That I have here listed a single pair is due to the fact that No. 94881 ("Type, ♂.—R.R.") and No. 94892 ("Type, ♀.—R.R.") were the two distinguished with a red label by Ridgway himself.

Loxia curvirostra percna Bent

Smithsonian Misc. Coll. 60 (15): 1, Dec. 12, 1912.

=*Loxia curvirostra pusilla* Gloger. See Van Rossem, Trans. San Diego Soc. Nat. Hist. 7: 358–359, pl. 27, 1934.

233930. Adult male. Flatbay River, Province of Newfoundland, Canada. July 21, 1912. Collected by Leonard C. Sanford.

Loxia megaplaga Riley

Smithsonian Misc. Coll. 66 (15): 1, Dec. 1, 1916.

=*Loxia leucoptera megaplaga* Riley. See Bond, Check-list of birds of the West Indies, ed. 3, p. 171, 1950.

249615. Adult male. El Río (a settlement on the upper waters of the Río Jimenoa, at elev. 4,000 feet), Dominican Republic, Hispaniola. Oct. 7, 1916. Collected by William L. Abbott.

Genus SICALIS Boie

Pseudochloris uropygialis connectens Chapman

Bull. Amer. Mus. Nat. Hist. 41 (5): 329, Sept. 1, 1919.

=*Sicalis uropygialis connectens* (Chapman). See Hellmayr, Catalogue of birds of the Americas 11: 310, 311, 1938.

273002. Adult male. La Raya (elev. 14,000 feet), Department of Cuzco, Perú. Apr. 5, 1917. Collected by Edmund Heller. Original number 805. Yale University-National Geographic Society Peruvian Expedition.

Sicalis luteola mexicana Brodkorb

Journ. Washington Acad. Sci. 33 (2): 33, Feb. 18, 1943.

186386. Adult male. Puente de Ixtla, State of Morelos, México. June 8, 1903. Collected by Edward W. Nelson and Edward A. Goldman. Original number 10149. Received from the U.S. Fish and Wildlife Service.

Sicalis luteola eisenmanni Wetmore

Smithsonian Misc. Coll. 122 (8): 9, Dec. 17, 1953.

449369. Adult male. Two miles east of Antón, Province of Coclé, Panamá. June 20, 1953. Collected by Alexander Wetmore. Original number 18159.

Sicalis chapmani Ridgway

Auk 16 (1) : 37, January 1899.

=*Sicalis luteola chapmani* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 329, 1938.

120835. Adult male. Diamantina (near Santarém and east of the mouth of the Rio Tapajós), State of Pará, Brazil. June 25, 1887. Collected by Jessie Riker (Mrs. Clarence B. Riker). Original number 33.

The letter "J" on the original label indicates that this specimen was collected by Mrs. Riker.

Subfamily EMBERIZINAE

Genus DIUCA Reichenbach

Pipilo cinerea Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.) : 123, "pl. xxxii, fig. 3," 1848.

=*Diuca diuca diuca* (Molina). See Hellmayr, Catalogue of birds of the Americas 11: 336, 337, 1938.

15092. Adult male. "The road from Valparaiso to St. Jago," Province of Aconcagua or Santiago, Chile. May 1839. Original number 272. U.S. Exploring Expedition (1838–1842).

15094. Adult female. Same data as No. 15092.

According to Cassin's ms. list, there were three cotypes of this form. No. 15091 long ago left the U.S. National Museum and is now No. 75875 in the collection of the Museum of Comparative Zoology, Cambridge.

Genus IDIOPSAR Cassin

Idiopsar brachyurus Cassin

Proc. Acad. Nat. Sci. Philadelphia 18: 414, 1866 or 1867.

32664. Adult (sex not indicated). La Paz, Department of La Paz, Boliva. Entered into the museum register on Mar. 14, 1864. Collected by or for David K. Cartter.

Genus PHRYGILUS Cabanis

Phrygilus punensis Ridgway

Proc. U.S. Nat. Mus. 10: 434, Nov. 3, 1887.

=*Phrygilus gayi punensis* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 346, 1938.

99571. Adult (sex not indicated, but apparently female). Near Lake Titicaca, Department of Puno, Perú. Entered into the museum register on August 18, 1884. Received from Joseph H. Batty.

Ridgway established this name upon two specimens, of which the male was No. 3535 (not 6535) of the Lafresnaye collection of the Boston Society of Natural History and is now No. 76624 of the Museum of Comparative Zoology, Cambridge.

Haplospiza montosa Riley

Proc. Biol. Soc. Washington 18: 220, Oct. 17, 1905.

=*Phrygilus unicolor nivarius* (Bangs). See Hellmayr, Catalogue of birds of the Americas 11: 355, 356, 1938.

190413. Adult male. San Antonio de Caparro (elev. 3,000 meters), State of Táchira, Venezuela. Aug. 15, 1903. Collected by Salomón Briceño Gabaldón and sons.

Fringilla (Niphæa) laciniata Peale

U.S. Exploring Expedition 8 (Mamm. and Orn.): 121, "pl. xxxii, fig. 2," 1848.

=*Phrygilus alaudinus alaudinus* (von Kittlitz). See Hellmayr, Catalogue of birds of the Americas 11: 360, 1938.

15090. Adult male. Vicinity of Valparaíso, Province of Aconcagua, Chile. May 1839. Original number 274. U.S. Exploring Expedition (1838–1842).

Genus SPODIORNIS Sclater

Spodiornis rusticus arcanus Wetmore and W. H. Phelps, Sr.

Journ. Washington Acad. Sci. 39 (11): 378, Dec. 1, 1949.

———. Adult male. Near the summit on the western side of Cerro Chimantá-tepui (at elev. 1,850 meters), State of Bolívar, Venezuela. July 13, 1946. Collected by William H. Phelps, Jr. Deposited by William H. Phelps, Sr., in whose private collection it is No. 36128–A.

Genus ACANTHIDOPS Ridgway

Acanthidops bairdi Ridgway

Proc. U.S. Nat. Mus. 4: 336, Mar. 16, 1882.

85549. Adult female. Volcán de Irazú, Province of Cartago, Costa Rica. Oct. 10, 1880. Collected by Juan J. Cooper. Received from José C. Zeledón.

Genus PSELLIOPHORUS Ridgway

Tachyphonus tibialis Lawrence

Ann. Lyc. Nat. Hist. New York 8: 41 (not earlier than June 13), 1864.

=*Pselliophorus tibialis* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 11: 383, 1938.

33316. Adult male. San José, Province of San José, Costa Rica. About January 1864. Collected by Julián Carmiol.

Our No. 33317 must have lain before Lawrence as a second specimen, but since it is not sexed as a male and does not have the bill black, it does not agree with the diagnosis and therefore cannot be considered a cotype.

Genus ATLAPETES Wagler

Atlapetes pileatus dilutus Ridgway

Auk 15 (3): 228, May 14, 1898 (distribution date of author's advance copies).

99962. Adult male. Jesús María, State of Chihuahua, México. Apr. 25, 1884. Collected by R. R. McLeod. Original number 5.

See my remarks under *Cyanocompsa concreta cyanescens* Ridgway (p. 601).

Buarremon elæoprorus Sclater and Salvin

Proc. Zool. Soc. London, for 1879 (3): 504, October 1879.

=*Atlapetes rufi-nucha elaeoprorus* (Sclater and Salvin). See Hellmayr, Catalogue of birds of the Americas 11: 397, 398, 1938.

90501. Adult (sex not indicated). Vicinity of Medellín, Department of Antioquia, Colombia. 1872–1878. Collected by Thomas K. Salmon. Received from Osbert Salvin and Frederick Du C. Godman, of whose private collection it once formed part.

An undisclosed number of cotypes were in the Sclater and the Salvin-Godman Collections, all taken by Salmon at either Santa Elena or Medellín. Among them were the three specimens listed by Sclater (Catalogue of the birds in the British Museum 11: 265, 1886).

Buarremon melanops Sclater and Salvin

Proc. Zool. Soc. London, for 1876 (1): 253, June 1876.

=*Atlapetes rufi-nucha rufi-nucha* (d'Orbigny and Lafresnaye). See Hellmayr, Catalogue of birds of the Americas 11: 392, 1938.

90504. Adult (sex not indicated). "Simacu," Las Yungas of the Department of La Paz, Bolivia. 1875. Collected by Clarence Buckley. Original number 28. Received from Osbert Salvin and Frederick Du C. Godman, of whose private collection it once formed part.

The cotypes of this form were two in the Sclater Collection, obtained from the Maison Verreaux, Paris, and five collected by Buckley at "Simacu" (of which our No. 90504 is one). All except this last are now in the British Museum (Natural History), London.

Atlapetes schistaceus fumidus Wetmore and W. H. Phelps, Sr.

Proc. Biol. Soc. Washington 66: 13, Mar. 30, 1953.

———. Adult male. Cerro Tetarí (at elev. 2,900 meters), Sierra de Perijá, State of Zulia, Venezuela. Mar. 30, 1952. Collected by Ramón Urbano. Deposited by William H. Phelps, Sr., in whose private collection it is No. 55828.

Atlapetes canigenis Chapman

Bull. Amer. Mus. Nat. Hist. 41 (5): 330, Sept. 1, 1919.

=*Atlapetes schistaceus canigenis* Chapman. See Hellmayr, Catalogue of birds of the Americas 11: 405, 406, 1938.

273003. Adult male. Torontoy (elev. 9,500 feet), Department of Cuzco, Perú. May 2, 1915. Collected by Edmund Heller. Original number 58. Yale University-National Geographic Society Peruvian Expedition.

Atlapetes apertus Wetmore

Proc. Biol. Soc. Washington 55: 108, Aug. 13, 1942.

=*Atlapetes brunnei-nucha apertus* Wetmore. See Parkes, Condor 56: 132, 1954.

360425. Adult male. Cerro de Tuxtla (at about 2,500 feet), Sierra de Tuxtla, State of Veracruz, México. Mar. 19, 1940. Collected by Melbourne A. Carriker, Jr. Original number 519.

Buarremon inornatus Sclater and Salvin

Ibis (4) 3: 427, October 1879.

=*Atlapetes brunnei-nucha inornatus* (Sclater and Salvin). See Hellmayr, Catalogue of birds of the Americas 11: 415, 1938.

90500. Adult (sex not indicated). "Jima" ("on the headwaters of Río Santiago, not very far from Cuenca," *fide* Sclater and Salvin, Proc. Zool. Soc. London, for 1877: 521 [footnote 1], 1877), Province of Azuay, Ecuador. March 1877. Collected by Clarence Buckley. Received from Osbert Salvin and Frederick Du C. Godman, of whose private collection it once formed part.

This form was established upon two skins in the Sclater collection, taken by Fraser at Pallatanga, and an unstated number collected by Buckley at "Jima." In addition to the specimen listed above, four cotypes are in the British Museum (Natural History), London.

A[rremon]. frontalis von Tschudi

Archiv für Naturgeschichte 10 (1): 289, 1844.

=*Atlapetes brunnei-nucha brunnei-nucha* (Lafresnaye). See Friedmann and Deignan, Zoologica, New York 27: 53, 1942.

41911. Adult (sex not indicated). Perú. Collected by Johann J. von Tschudi. Received from the Neuchâtel Museum.

This name was based upon an unstated number of cotypes. Hellmayr (Catalogue of birds of the Americas 11: 413, 1938) avers that the type is in the Neuchâtel Museum, but von Berlepsch and Hellmayr (Journ. für Orn. 53: 6–20, 1905) mention no specimen seen by them there.

Genus LYSURUS Ridgway

Buarremon crassirostris Cassin

Proc. Acad. Nat. Sci. Philadelphia, for 1865: 170 (not earlier than Aug. 29), 1865.

=*Lysurus crassirostris* (Cassin). See Hellmayr, Catalogue of birds of the Americas 11: 423, 1938.

34744. Adult male. Barranca, "on the edge of a small stream of the same name to the north of the road to San Carlos, and on the slopes of the Volcán de Póas, and with an altitude of not less than 6,000 feet, probably more" (see Carriker, Ann. Carnegie Mus. 6: 335, 1910), Province of Alajuela, Costa Rica. Apr. 14, 1864. Collected by Julián Carmiol.

Genus ARREMON Vieillot

Arremon schlegeli fratruelis Wetmore

Smithsonian Misc. Coll. 106 (16) : 13, Dec. 30, 1946.

370170. Adult male. "Between 1,500 and 2,000 feet elevation in the Serranía de Macuire, near Nazaret," Commissary of La Guajira, Colombia. May 6, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11812.

Arremon callistus Oberholser

Proc. Biol. Soc. Washington 14: 188, Dec. 12, 1901.

=*Arremon flavirostris polionotus* Bonaparte. See Hellmayr, Catalogue of birds of the Americas 11: 431, 1938.

173425. Adult male. Sapucay (on the railway between Asunción and Villarrica), Paraguay. July 22, 1900. Collected by William T. Foster. Original number 166.

Arremon aurantiirostris saturatus Cherrie

Proc. U.S. Nat. Mus. 14: 345, Sept. 4, 1891.

20421. Adult (sex not indicated). Choctum, Department of Alta Vera Paz, Guatemala. January 1860. Collected by Osbert Salvin. Original number 1789. Received from Osbert Salvin.

Arremon rufidorsalis Cassin

Proc. Acad. Nat. Sci. Philadelphia, for 1865: 170, (not earlier than Aug. 29), 1865.

=*Arremon aurantiirostris rufidorsalis* Cassin. See Hellmayr, Catalogue of birds of the Americas 11: 434, 1938.

39041. Adult (sex not indicated). Turrialba, Province of Cartago, Costa Rica. May 24, 1865. Collected by Francisco Carmiol.

Genus ARREMONOPS Ridgway

Arremonops superciliosa sinaloæ Nelson

Proc. Biol. Soc. Washington 13: 28, May 29, 1899.

=*Arremonops rufivirgatus sinaloae* Nelson. See Hellmayr, Catalogue of birds of the Americas 11: 441, 1938.

164388. Adult male. Near Mazatlán, State of Sinaloa, México. Apr. 6, 1899. Collected by Edward A. Goldman. Original number 6389. Received from the U.S. Fish and Wildlife Service.

[Embernagra rufivirgata] β. crassirostris Ridgway

Proc. U.S. Nat. Mus. 1: 248, 1878 or 1879.

=*Arremonops rufivirgatus crassirostris* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 440, 1938.

22443. Adult male. "México." Entered into the museum register on Oct. 26, 1861. Received from the Maison Verreaux, dealers in Paris.

29229. Adult male. Uvero, near San Andrés Tuxtla (not Orizaba), State of Veracruz, México. May 4, 1858. Collected by A. L. François Sumichrast. Original number 307.

Ridgway based this form upon four specimens, of which one, No. 23890 from Venado Island, is now considered representative of another race. Of the remaining three, one said to be from Córdoba, the property of George N. Lawrence, is probably deposited in the American Museum of Natural History, New York.

Richmond has for some unexplained reason set aside No. 22443 as the type, despite the fact that it is the only one of three wholly devoid of useful data. It is, of course, but one of three cotypes.

[Embernagra rufivirgata] γ. verticalis Ridgway

Proc. U.S. Nat. Mus. 1: 248, 1878 or 1879.

=*Arremonops rufivirgatus verticalis* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 441, 1938.

37894. Adult male. Mérida, State of Yucatán, México. Feb. 28, 1865. Collected by Arthur C. V. Schott. Original number 211. Comisión Científica de Yucatán.

39281. Adult female. Mérida, State of Yucatán, México. March 19, 1865. Collected by Arthur C. V. Schott. Original number 288. Comisión Científica de Yucatán.

39282. Adult female. Mérida, State of Yucatán, México. May 25, 1865. Collected by Arthur C. V. Schott. Original number 501. Comisión Científica de Yucatán.

No. 39281 had entered the private collection of Robert Ridgway by exchange prior to Ridgway's establishment of the race *verticalis;* as usual with such specimens, its original label was removed and replaced with Ridgway's own.

The word "Type" in Ridgway's hand appears on the reverse side of each of the three labels.

Arremonops superciliosus chiapensis Nelson

Proc. Biol. Soc. Washington 17: 152, Oct. 6, 1904.

=*Arremonops rufivirgatus chiapensis* Nelson. See Hellmayr, Catalogue of birds of the Americas 11: 442, 1938.

193714. Adult male. San Bartolomé, State of Chiapas, México. Mar. 15, 1904. Collected by Edward A. Goldman. Original number 10533. Received from the U.S. Fish and Wildlife Service.

Arremonops richmondi Ridgway

Auk 15 (3): 228, May 14, 1898 (distribution date of author's advance copies).

=*Arremonops conirostris richmondi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 448, 1938.

126189. Adult male. Greytown=San Juan del Norte, Department of Chontales, Nicaragua. Feb. 16, 1892. Collected by Charles W. Richmond. Original number 3627.

See my remarks under *Cyanocompsa concreta cyanescens* Ridgway (p. 601).

Arremonops conirostris viridicata Wetmore

Smithsonian Misc. Coll. 134 (9): 104, July 8, 1957.

461362. Adult male. Coiba Island, Pacific Ocean off the Province of Veraguas, Panamá. Jan. 13, 1956. Collected by Alexander Wetmore. Original number 20209.

Arremonops venezuelensis Ridgway

Auk 15 (3): 228, May 14, 1898 (distribution date of author's advance copies).

=*Arremonops conirostris conirostris* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 11: 445, 446, 1938.

119280. Adult (sex not indicated). Vicinity of Puerto Cabello, State of Carabobo, Venezuela. Collected by Starhne. Received from Hans von Berlepsch (of whose private collection it once formed part), who acquired it in June 1883 from H. B. Moeschler.

See my remarks under *Cyanocompsa concreta cyanescens* Ridgway (p. 601).

Genus CHLORURA Sclater

Fringilla chlorura Audubon

Ornithological biography 5: 336, 1839.

=*Chlorura chlorura* (Audubon). See Hellmayr, Catalogue of birds of the Americas 11: 451, 1938; A.O.U. Committee on Classification and Nomenclature, Auk 64: 451, 1947.

1896. Immature male. "Ross' creek, a small branch of Snake river" (see Townsend, Narrative of a journey across the Rocky Mountains, p. 89, 1839)=about 20 miles southwest of Blackfoot, Bingham County, Idaho. July 12, 1834. Collected by John K. Townsend. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon, who in turn obtained it from John K. Townsend.

Genus PIPILO Vieillot

Pipilo Oregonus Bell

Ann. Lyc. Nat. Hist. New York 5 (1): 6 (not earlier than Nov. 27), 1848.

=*Pipilo erythrophthalmus oregonus* Bell. See Hellmayr, Catalogue of birds of the Americas 11: 456, 1938; Sibley, Univ. California Publ. Zool. 50: 116–119, 1950.

2867. Adult male. "Oregon territory"=vicinity of Fort Vancouver, Clark County, Washington. May 27, 1835. Collected by John K. Townsend. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon, who in turn obtained it from John K. Townsend.

Pipilo megalonyx Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xli, 515, 1858.

=*Pipilo erythrophthalmus megalonyx* Baird. See Grinnell, Univ. California Publ. Zool. 38: 305, 1932; Sibley, Univ. California Publ. Zool. 50: 116–119, 1950.

10284. Adult male. Fort Tejon, Kern County, California. Entered into the museum register on May 20, 1858. Collected by John Xántus.

10287. Subadult male. Fort Tejon, Kern County, California. Entered into the museum register on May 20, 1858. Collected by John Xántus. Original number 632.

10686. Adult (sex not indicated, but apparently female). Fort Tejon, Kern County, California. Entered into the museum register between July 29 and Oct. 25, 1858. Collected by John Xántus. Original number 1132?

10687. Subadult male. Fort Tejon, Kern County, California. Entered into the museum register between July 29 and Oct. 25, 1858. Collected by John Xántus. Original number 1050?

Baird based his new form upon a long series of skins from diverse localities; some of these are now held representative of entirely different races. By his statement that "The specimens exhibiting the highest development of claw are from Fort Tejon," the author inferentially restricted the type locality to that place, and birds from Fort Tejon alone should be treated as cotypes.

Baird referred to material collected by Xántus at Fort Tejon, but so cursorily as to indicate that the specimens were newly arrived at the museum and still unnumbered. Examination of the register shows that the potential cotypes are certainly Nos. 10284, 10287, 10288, and 10289, and probably Nos. 10686 and 10687. Nos. 10288 and 10289 have vanished from the collection without trace.

No. 10287 has been generally accepted as the type because of the fact that the word "Type" in Baird's hand appears on the oldest label. Baird in fact wrote "Type of pl. 73," with reference to Baird, Cassin, and Lawrence, Birds of North America, 1860, and No. 10287 might have been selected as the skin that best lent itself to use as the artist's model. Examination of plate 73, however, shows that, in this case, the artist took great liberties with his subject, for the bird depicted has the glossy upper parts of an old adult, while No. 10287 has the brownish-black upper parts of a first-autumn specimen.

In Baird, Brewer, and Ridgway (History of North American birds, p. 113, 1874), we find No. 10284 used as model for the text-figure showing the enlarged foot (the most important character in Baird's diagnosis of *megalonyx*), again because this specimen doubtless best served the purpose.

In short, Nos. 10284 and 10287 are certainly equivalent cotypes, and Nos. 10686 and 10687 probably have equally valid claims with them to typeship.

Pipilo maculatus atratus Ridgway

Auk 16 (3) : 254, July 1899.

=*Pipilo erythrophthalmus megalonyx* Baird. See Grinnell, Univ. California Publ. Zool. 38: 305, 1932; Sibley, Univ. California Publ. Zool. 50: 116–119, 1950.

159474. Adult male. Arroyo Seco (elev. 800 feet), west of Pasadena (see Grinnell, *loc. cit.*), Los Angeles County, California. Feb. 8, 1896. Collected by Joseph Grinnell. Original number 643. Received from Joseph Grinnell.

Pipilo clementæ Grinnell

Auk 14 (3) : 294, July 1897.

=*Pipilo erythrophthalmus clementae* Grinnell. See Grinnell, Univ. California Publ. Zool. 38: 305, 1932; Sibley, Univ. California Publ Zool. 50: 116–119, 1950.

159476. Subadult male. Smuggler's Cove=Pyramid Cove, San Clemente Island, Los Angeles County, California. Mar. 31, 1897. Collected by Joseph Grinnell. Original number 2290. Received from Joseph Grinnell.

159477. Adult female. Smuggler's Cove=Pyramid Cove, San Clemente Island, Los Angeles County, California. Mar. 31, 1897. Collected by Joseph Grinnell. Original number 2291. Received from Joseph Grinnell.

Each of these specimens was designated as a type in the original description.

Pipilo maculatus consobrinus Ridgway

Bull. U.S. Geol. and Geogr. Surv. Terr. 2 (2) : 189, 1876.

=*Pipilo erythrophthalmus consobrinus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 459, 1938; Sibley, Univ. California Publ. Zool. 50: 116–119, 1950.

70028. Adult male. Guadalupe Island (lat. 29°00′ N., long. 118°15′ W.), eastern Pacific Ocean off the State of Baja California, México. Feb. 20, 1875. Collected by Edward Palmer. Original number 5.

70030. Adult male. Same data as No. 70028.

70032. Adult male. Same data as No. 70028.

70033. Adult female. Guadalupe Island. Feb. 20, 1875. Collected by Edward Palmer. Original number 16.

70035. Adult female. Same data as No. 70033.

189625. Adult female. Guadalupe Island. 1875. Collected by Edward Palmer. Original number —.

Ridgway listed as cotypes Nos. 70028–70035 and one unnumbered female. No. 70029 was at some time sent to John E. Thayer and is now No. 328590 in the collection of the Museum of Comparative Zoology, Cambridge. No. 70031, a male, has vanished without trace, as has also No. 70034, a female (unless it be the bird reentered into the register as No. 189625).

Nos. 70028 and 189625 both became part of Ridgway's private collection, and the oldest labels now carried by them are Ridgway's own. In the case of No. 70028, the U.S. National Museum's number appears on Ridgway's label, but no such notation is found on that of No. 189625—thus one cannot be sure that No. 189625 is not the unnumbered female listed at the original description.

The word "Type" in Ridgway's hand occurs on the oldest label of No. 70033, and the red tabs formerly employed to indicate typeship are attached to each of Ridgway's private labels (Nos. 70028 and 189625), but these specimens are in fact but three of nine equivalent cotypes.

Pipilo Socorroensis Grayson

California Farmer and Journal of Useful Sciences 28 (16): 127, Oct. 24, 1867.

Pipilo carmani Lawrence

Ann. Lyc. Nat. Hist. New York 10 (1–3): 7, February–March 1871.

=*Pipilo erythrophthalmus socorroensis* Grayson. See Hellmayr, Catalogue of birds of the Americas 11: 459, 1938; Sibley, Univ. California Publ. Zool. 50: 116–119, 1950; Taylor, Condor 53: 196, 1951.

39990. Adult female. Socorro Island, Revilla Gigedo Islands, eastern Pacific Ocean off México. June 1865. Collected by Andrew J. Grayson. Original number unknown.

50842. Adult male. Socorro Island. June 1865. Collected by Andrew J. Grayson. Original number 395.

50843. Adult male. Same data as No. 50842.

50844. Adult female. Same data as No. 50842.

50846. Adult male. Same data as No. 50842.

58268. Adult (sex not indicated, but apparently male). Socorro Island. June 1865. Collected by Andrew J. Grayson. Original number "364."

Taylor (*loc. cit. supra*) found that Grayson had a total of 12 specimens, all of which must be considered cotypes of *Pipilo Socorroensis* Grayson. Of these, seven or eight came to the U.S. National Museum: Nos. 39989, 39990, 50842–50846, and 58268, but Nos. 39989 and 50845, both males, have vanished from the collection without trace (unless No. 58268 is merely No. 50845 reentered into the register under a new number). The remaining four or five specimens seem, according to Taylor, to have been sold by Grayson and destined for persons in England.

Although all of these are cotypes of Grayson's name, only Nos. 39990 and 50843 are cotypes of *Pipilo carmani* Lawrence, by his definite designation at the original description.

Pipilo erythrophthalmus leptoleucus Oberholser

Bird life of Louisiana, Louisiana Dep. Cons. Bull. 28: 641, June 1938.

=*Pipilo erythrophthalmus canaster* Howell. See Dickinson, Bull. Mus. Comp. Zool. 107: 280–281, 295, 1952.

340499. Adult male. New Orleans, Orleans Parish, Louisiana. May 17, 1935. Collected by Thomas D. Burleigh. Original number 3230. Received from the U.S. Fish and Wildlife Service.

Pipilo erythrophthalmus canaster Howell

Proc. Biol. Soc. Washington 26: 202, Oct. 23, 1913.

207771. Adult female. Spring Hill, Mobile County, Alabama. May 8, 1911. Collected by Arthur H. Howell. Original number 944. Received from the U.S. Fish and Wildlife Service.

Pipilo Alleni Coues

American Naturalist 5 (6): 366 (footnote), August 1871.

=*Pipilo erythrophthalmus alleni* Coues. See Dickinson, Bull. Mus. Comp. Zoöl. 107: 292, 1952.

55266. Adult male. "Dummitt's Grove"=the collector's camp on the Indian River "just north of the Haulover Canal and about a mile and a half from the famous Dummitt's Grove on Mosquito Lagoon" (see Howell, Florida bird life, p. 15, 1932), Brevard County, Florida. Mar. 2, 1869. Collected by Charles J. Maynard. Original number 2512. Received from Charles J. Maynard.

55267. Adult male. "Dummitt's Grove," Brevard County, Florida. Feb. 22, 1869. Collected by Charles J. Maynard. Original number 2417. Received from Charles J. Maynard.

55268. Adult male. "Dummitt's Grove," Brevard County, Florida. Feb. 2–, 1869. Collected by Charles J. Maynard. Original number 2426. Received from Charles J. Maynard.

55270. Adult female. "Dummitt's Grove," Brevard County, Florida. Mar. 11, 1869. Collected by Charles J. Maynard. Original number 2581. Received from Charles J. Maynard.

55271. Adult female. "Dummitt's Grove," Brevard County, Florida. Feb. 24, 1869. Collected by Charles J. Maynard. Original number 2481. Received from Charles J. Maynard.

Coues mentioned neither type locality nor specimens, but since he named this form in a review of Allen's "Mammals and Winter Birds of East Florida" (Bull. Mus. Comp. Zool. 2: 161–450, 1871), we are justified in surmising that the original series are the 29 Maynard-taken birds listed by Allen (p. 283). See Ridgway (Birds of North and Middle America 1: 427 [footnote 1], 1901), who probably had his information directly from Coues!

Seven of these skins, all listed by Allen, came to Washington, but Nos. 55265 and 55269 have vanished without trace. Bangs (Bull. Mus. Comp. Zool. 70: 388, 1930) has listed as cotypes the Museum of Comparative Zoology's Nos. 10722 and 10726, a male and a female respectively, but any others of the original series, now in Cambridge or elsewhere, would seem to possess equivalent status.

If, however, any specimens have stronger claims to typeship than others, these would be the ones in the U.S. National Museum, which alone perhaps came under Coues's eyes. Coues was based at Fort McHenry, Maryland, from Nov. 25, 1870, to Apr. 30, 1872, and thus must at some time have examined our series, which had reached Washington as early as May 1869.

Pipilo chlorosoma Baird

in Baird, Brewer, and Ridgway, History of North American birds 2: 105 (footnote 2), January 1874.

=*Pipilo erythrophthalmus macronyx* Swainson. See Sibley, Univ. California Publ. Zool. 50: 142, 1950.

50235 (not 50225). Adult male. State of Oaxaca, México. 1864. Collected by Adolphe Boucard. Original number 1. Received from Adolphe Boucard.

Pipilo orizabæ Cox

Auk 11 (2): 161, April 1894.

=*Pipilo erythrophthalmus maculatus* Swainson × *Pipilo ocai ocai* (Lawrence). See Sibley, Univ. California Publ. Zool. 50: 130, 1950.

132724 (not 132720). Adult male. Mount Orizaba=Citlaltepetl (at elev. 11,000 feet), State of Veracruz, México. August 1891. Collected by Ulysses O. Cox. Original number 4. Received from Ulysses O. Cox.

Pipilo fuscus mesatus Oberholser

Proc. Biol. Soc. Washington 50: 118, Aug. 7, 1937.

204013. Adult female. Gaume's Ranch (elev. 4,600 feet), northwestern corner of Baca County, Colorado. Nov. 27, 1907. Collected by Merritt Cary. Original number 290. Received from the U.S. Fish and Wildlife Service.

Pipilo fuscus intermedius Nelson

Proc. Biol. Soc. Washington 13: 27, May 29, 1899.

164259. Adult male. Álamos (lat. 27°01′ N., long. 108°58′ W.), State of Sonora, México. Dec. 21, 1898. Collected by Edward A. Goldman. Original number 5969. Received from the U.S. Fish and Wildlife Service.

Pipilo fuscus jamesi C. H. Townsend

Bull. Amer. Mus. Nat. Hist. 48 (1): 20, pl. 1, Mar. 9, 1923.

305936. Adult male. Tiburón Island, Gulf of California off the State of Sonora, México. Apr. 13, 1911. Collected by Charles H. Townsend. Original number 185. Received from the U.S. Bureau of Fisheries, through the American Museum of Natural History, New York (where it was [accidentally?] given their No. 131854).

Pipilo fuscus aripolius Oberholser

Condor 21 (5): 210, Sept. 30, 1919.

196605. Adult female. San Pablo, State of Baja California, México. Oct. 3, 1905. Collected by Edward W. Nelson and Edward A. Goldman. Original number 11747. Received from the U.S. Fish and Wildlife Service.

Pipilo albigula Baird

Proc. Acad. Nat. Sci. Philadelphia 11: 305 [p. 10 in reprint] (not earlier than Nov. 29), 1859.

=*Pipilo fuscus albigula* Baird. See Davis, Univ. California Publ. Zool. 52: 106, 1951.

12993. Adult male. Cabo de San Lucas, State of Baja California, México. April 1859. Collected by John Xántus. Original number 74.

12995. Immature? female. Cabo de San Lucas, State of Baja California, México. April 1859. Collected by John Xántus. Original number 83.

12996. Adult female. Cabo de San Lucas, State of Baja California, México. May 1859. Collected by John Xántus. Original number 533.

13040. Adult female. Cabo de San Lucas, State of Baja California, México. June 25, 1859. Collected by John Xántus. Original number 1071.

13041. Adult male. Cabo de San Lucas, State of Baja California, México. June 1859. Collected by John Xántus. Original number 758.

Only six specimens had been entered into the museum register prior to the date of Baird's description, so these alone may safely be considered cotypes. The missing one is No. 12994, sent in February 1860 to Alexander D. Bache.

Pipilo fuscus potosinus Ridgway

Auk 16 (3): 254, July 1899.

78106. Adult male. Guanajuato, State of Guanajuato, México. Entered into the museum register on June 28, 1879. Collected by Alfred Dugès.

Genus MELOZONE Reichenbach

Pyrgisoma xantusii "Baird, MS." Lawrence

Ann. Lyc. Nat. Hist. New York 8: 480 (not earlier than May 13), 1867.

=*Melozone kieneri kieneri* (Bonaparte). See Hellmayr, Catalogue of birds of the Americas 11: 470, 1938.

31828. Adult male. Tonala (not "Plains of Colima"), State of Jalisco, México. June 1863. Collected by John Xántus. Original number 1004.

Genus CALAMOSPIZA Bonaparte

F[ringilla]. bicolor J. K. Townsend

Journ. Acad. Nat. Sci. Philadelphia 7 (2): 189, 1837.

=*Calamospiza melanocorys* Stejneger. See Hellmayr, Catalogue of birds of the Americas 11: 475, 1938.

2869. Adult male. "Plains of the Platte river," Nebraska or Wyoming. May 24–June 1, 1834. Collected by Thomas Nuttall. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon, who, in turn, obtained it from Thomas Nuttall.

Audubon (Ornithological biography 5: 19, 1839) quotes Nuttall as follows: "On the 24th of May, soon after crossing the north [=south] branch of the Platte, we met with this very interesting species of *Fringilla*." Townsend (Narrative of a journey across the Rocky Mountains, p. 57, 1839) says: "On the morning of the 24th of May we forded the Platte river, or rather its south fork, along which we had been travelling during the previous week," and (p. 58) on May 25, "we made a noon camp . . . on the north branch or fork of the river, and in the afternoon travelled along the bank of the stream."

Study of Townsend's account shows that it was indeed the south fork that was crossed by the travellers, since from May 18, when the Platte was first seen in the vicinity of Grand Island, the party had constantly moved along the southern bank of, first the Platte proper, and then of its southern fork. Since they crossed the southern fork in the morning of May 24 and, moving northwestward on horseback, were able to reach the southern shore of the northern fork at noon of the following day, the type locality of *Fringilla bicolor* Townsend might well be restricted to the western part of Keith County, Nebraska.

Audubon (*loc. cit.*) quotes Townsend as saying: "I never observed this bird to the west of the Black Hills." The "Black Hills" of Townsend are a "range of high and stony mountains" not farther than one day's ride along the North Platte from its confluence with the Laramie, therefore in Goshen County and/or Platte County, Wyoming.

Two more cotypes with similar data, No. 22951, a male, and No. 22953, a female, are preserved in the collection of the Academy of Natural Sciences of Philadelphia.

Genus MYOSPIZA Ridgway

Myospiza humeralis pallidula Wetmore

Proc. Biol. Soc. Washington 62: 161, Aug. 23, 1949.

370276. Adult male. Maicao, Commissary of La Guajira, Colombia. April 14, 1941. Collected by Alexander Wetmore and Melbourne A. Carriker, Jr. Original number 11385.

[Coturniculus manimbe] var. dorsalis Ridgway

in Baird, Brewer, and Ridgway, History of North American birds 1: 549, January 1874.

=*Myospiza humeralis xanthornus* (Darwin). See Hellmayr, Catalogue of birds of the Americas 11: 480, 1938.

21030. Adult male. Uruguay. September 1860. Collected by Christopher D. Wood? Original number 109. Second U.S. Survey of the Río Paraná (1859–1860).

25261. Adult (sex not indicated). Buenos Aires, Province of Buenos Aires, Argentina. September–October 1837. Collected by John K. Townsend. Original number 337. Received from the National Institute, Washington.

Genus PASSERCULUS Bonaparte

Passerculus sandwichensis bryanti Ridgway

Proc. U.S. Nat. Mus. 7: 517, Feb. 25, 1885.

=*Passerculus sandwichensis alaudinus* Bonaparte. See Peters and Griscom, Bull. Mus. Comp. Zoöl. 80: 473, 1938.

96633. Adult male? Oakland, Alameda County, California. January 23, 1884. Collected by Walter E. Bryant. Original number 1209. Received from Walter E. Bryant through Lyman Belding.

96628. Adult female. Oakland, Alameda County, California. February 14, 1884. Collected by Walter E. Bryant. Original number 1242. Received from Walter E. Bryant through Lyman Belding.

Passerculus beldingi Ridgway

Proc. U.S. Nat. Mus. 7: 516, Feb. 25, 1885.

=*Passerculus sandwichensis beldingi*, Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 307, 1932.

96613. Adult male. San Diego, San Diego County, California. March 9, 1884. Collected by Lyman Belding. Received from Lyman Belding.

96614. Adult female. Same data as No. 96613.

Passerculus guttatus Lawrence

Ann. Lyc. Nat. Hist. New York 8: 473 (not earlier than May 13), 1867.

=*Passerculus sandwichensis guttatus* Lawrence. See Van Rossem, Condor 49: 101, 1947.

26615=17291 reentered. Adult "male"=(probably) female. San José del Cabo, State of Baja California, México. Dec. 5–14, 1859. Collected by John Xántus. Original number 3459.

P[asserculus]. sanctorum Coues

Key to North American birds, ed. 2, p. 364, 1884.

=*Passerculus sandwichensis sanctorum* Coues. See Van Rossem, Condor 49: 103, 1947.

70636. Adult male. San Benito Islands=Islas Bonitas (lat. 28°18′ N.), Pacific Ocean off the State of Baja California, México. Entered into the museum register in May 1876. Collected by Thomas H. Streets.

70637. Adult (sex not indicated). Same data as No. 70636.

The citation for this name is commonly given as Ridgway, Proc. U.S. Nat. Mus. 5: 538, 1883, where, however, it is a *nomen nudum*. Hellmayr (Catalogue of birds of the Americas 11: 492 [footnote 2], 1938) points out correctly that the name was first validated by Coues in 1884.

Ammodramus sandwichensis brunnescens Butler

Auk 5 (3) : 265, July 1888.

=*Passerculus sandwichensis brunnescens* (Butler). See Peters and Griscom, Bull. Mus. Comp. Zoöl. 80: 471–473, 1938.

113558. Adult male. Valley of México. Dec. 8, 1879. Collected by Amos W. Butler. Original number 29. Received from Amos W. Butler.

Butler established this form upon a series of five specimens with similar data, four of them in his private collection, one in that of Frank S. Wright. Peters and Griscom (*op. cit.*) have pointed out that Butler's material included at least two subspecies, and have restricted the application of the name "to that element in the original series, showing the diagnostic characters of the male shot on Dec. 8, 1879, which is marked 'type' in Butler's handwriting on his original label, and which also carries a U.S. Nat. Mus. type label."

How many of the original series may be considered cotypes of *brunnescens* under this restriction is unknown to me, nor have I information on the present whereabouts of Butler's and Wright's skins.

Genus AMMODRAMUS Swainson

[(Coturniculus) passerinus] var. perpallidus "Ridgway, Mss." Coues Key to North American birds, p. 137, October 1872.

=*Ammodramus savannarum perpallidus* (Coues). See Van Rossem, Trans. San Diego Soc. Nat. Hist. 7: 360, 1934.

58605. Adult male. Antelope Island (in Great Salt Lake), Davis County, Utah. June 4, 1869. Collected by Robert Ridgway. Original number 1102. United States Geological Exploration of the 40th Parallel.

Coues gave no indication as to specimens seen by him, but since he used Ridgway's MS. name, the types should be sought among those examined by Ridgway. In the latter's report on the ornithology of the Geological Exploration of the 40th Parallel, we find but two specimens listed, of which one, a juvenile from Nevada, is hardly worthy of consideration; in the circumstances, No. 58605, marked by Ridgway himself as "Type," is the only possible type specimen.

Coturniculus savannarum floridanus Mearns

Proc. U.S. Nat. Mus. 24: 915, June 2, 1902.

=*Ammodramus savannarum floridanus* (Mearns). See Hellmayr, Catalogue of birds of the Americas 11: 497, 1938.

176981. Adult male. Kissimmee Prairie, at the "7-mile Hummock" east of Alligator Bluff, Osceola County, Florida. Apr. 23, 1901. Collected by Edgar A. Mearns. Original number 12531. Received from Edgar A. Mearns (of whose private collection it once formed part).

Ammodramus savannarum obscurus Nelson

Auk 14 (1): 61, January 1897.

=*Ammodramus savannarum bimaculatus* Swainson. See Van Rossem, Trans. San Diego Soc. Nat. Hist. 7: 359–360, 1934.

143801. Adult male. Minatitlán, State of Veracruz, México. Apr. 21, 1896. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3709. Received from the U.S. Fish and Wildlife Service.

Emberiza Bairdii Audubon

Birds of America 7: 359, pl. 500, 1844.

=*Ammodramus bairdii* (Audubon). See Hellmayr, Catalogue of birds of the Americas 11: 501, 1938.

1885. "Prairie of the Upper Missouri"=Fort Union (near the confluence of the Yellowstone River with the Missouri), Williams or McKenzie County, North Dakota. July 26, 1843. Collected by Edward Harris and John G. Bell. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon.

Two cotypes of this form are preserved in the Academy of Natural Sciences of Philadelphia, where they are Nos. 24085 and 24086.

See my remarks on the type locality under *Alauda Spragueii* Audubon (p. 474).

Centronyx ochrocephalus Aiken

American Naturalist 7 (4): 237, April 1873.

=*Ammodramus bairdii* (Audubon). See Hellmayr, Catalogue of birds of the Americas 11: 501, 1938.

162696. Adult male. "Dry, open plains," El Paso County, Colorado. Collected by Charles E. H. Aiken. Original number 1113. Purchased from Charles E. H. Aiken (of whose private collection it once formed part).

Genus AMMOSPIZA Oberholser

Ammodramus caudacutus becki Ridgway

Proc. U.S. Nat. Mus. 14: 483, Oct. 22, 1891.

=*Ammospiza caudacuta nelsoni* (Allen). See Grinnell, Univ. California Publ. Zool. 38: 307, 1932.

120310. Adult (sex not indicated). "Among the tules on the edge of a small salt-water slough" near Milpitas, Santa Clara County, California. May 6, 1891. Collected by Rollo H. Beck.

Ammodramus maritimus fisheri Chapman

Auk 16 (1): 10, January 1899.

=*Ammospiza maritima fisheri* (Chapman). See Hellmayr, Catalogue of birds of the Americas 11: 510, 1938.

163722. Adult female. Grand Isle, Grand Island, coast of Jefferson Parish, Louisiana. June 9, 1886. Collected by Albert K. Fisher. Original number 2622. Received from Albert K. Fisher (of whose private collection it once formed part).

Passerherbulus maritimus howelli Griscom and Nichols

Proc. Linn. Soc. New York 32: 22, Nov. 3, 1920.

=*Ammospiza maritima fisheri* (Chapman). See Griscom, Occas. Papers Mus. Zool. Louisiana State Univ. 19: 319–321, 1944.

231131. Adult male. Dauphin Island (at the mouth of Mobile Bay), Mobile County, Alabama. Feb. 13, 1912. Collected by Ernest G. Holt. Original number 24. Received from the U.S. Fish and Wildlife Service.

Fringilla Macgillivraii Audubon

Ornithological biography 2: 285, 1834.

=*Ammospiza maritima macgillivraii* (Audubon). See Chapman, Auk 16: 10, 1899; Hellmayr, Catalogue of birds of the Americas 11: 507, 1938.

2894. Immature (sex not indicated). Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon.

This bird has been traditionally considered *the* type of *Fringilla Macgillivraii* Audubon, and is accordingly here listed, but it should be noted that (1) Audubon had "a dozen specimens" in his series, that (2) this skin lacks all pertinent data, that (3) it is an immature and Audubon's description seems to be based upon adults. No. 2894 is in my eyes at most a paratype.

Thryospiza maritima pelonota Oberholser

Proc. Biol. Soc. Washington 44: 126, Oct. 17, 1931.

=*Ammospiza maritima pelonota* (Oberholser). See Griscom, Occas. Papers Mus. Zool. Louisiana State Univ. 19: 314–315, 1944; Hellmayr, Catalogue of birds of the Americas 11: 508, 1938.

298868. Adult male. New Smyrna, Volusia County, Florida. May 16, 1925. Collected by Arthur H. Howell. Original number 2003. Received from the U.S. Fish and Wildlife Service.

Ammodromus [*sic*] **maritimus,** var. **nigrescens** Ridgway

in Baird and Ridgway, Bull. Essex Inst. 5 (12): 198, December 1873.

=*Ammospiza maritima nigrescens* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 511 (footnote 1), 1938.

83501. Adult female (not male). Indian River="Dummitt's Grove"= the collector's camp on the Indian River "just north of the Haulover Canal and about a mile and a half from the famous Dummitt's Grove on Mosquito Lagoon" (see Howell, Florida bird life, p. 15, 1932), Brevard County, Florida. Apr. 4, 1872. Collected by Charles J. Maynard. Original number 7251. Received from Robert Ridgway, in whose private collection it was No. 1855.

Sutton (Florida Naturalist 22: 29, 1949) has attempted to show that the type locality of *nigrescens* is not somewhere on Merritt's Island, but Salt Lake, near Titusville. Salt Lake is the place where the form was first collected by Maynard on Mar. 17, 1872, and is the type locality for *Ammodramus melanoleucus* Maynard, 1875, but it cannot be denied that the type specimen of *nigrescens* Ridgway, 1873, was taken on Apr. 4, 1872, when (*fide* Howell, *loc. cit.*) Maynard was based at "his old collecting station near Dummitt's grove on Indian River (April and May)."

Thryospiza mirabilis Howell

Auk 36 (1): 86, Jan. 5, 1919.

=*Ammospiza maritima mirabilis* (Howell). See Hellmayr, Catalogue of birds of the Americas 11: 511, 1938; Griscom, Occas. Papers Mus. Zool. Louisiana State Univ. 19: 325–326, 1944.

261542. Adult male. "Coastal marshes in the vicinity of Cape Sable," Monroe County, Florida. Feb. 18, 1918. Collected by Arthur H. Howell. Original number 1599. Received from the U.S. Fish and Wildlife Service.

Genus POOECETES Baird

[Poocætes gramineus] variety **confinis** Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: 448, 1858.

=*Pooecetes gramineus confinis* (Baird). See Hellmayr, Catalogue of birds of the Americas 11: 513, 1938.

8945. Adult female. "Loup fork of Platte"=(as of July 29, 1857) the confluence of the Dismal River with the Middle Loup, near Dunning, Blaine County, Nebraska. July 29, 1857. Collected by Ferdinand V. Hayden. Exploration of the Upper Missouri and Yellowstone.

8942. Immature male. Same data as No. 8945.

Baird established this form upon a very long series of cotypes from many parts of the West, but the restricted type locality "Loup fork of Platte" has been generally accepted for many years. (I have been unable to learn when and by whom the restriction was made.) In the circumstances, I accept here as cotypes only Nos. 8942 and 8945, both taken at the same place on the same day. (No. 8947, stated by Baird to have been collected on July 29, 1857, was, according to the museum register, in fact shot on July 19 and thus came from some other reach of the stream; it cannot now be found in the collection.)

Warren's party, of which Hayden was a member, followed the Loup Fork (=Middle Loup River) from mouth to source; birds taken anywhere along its banks were labelled simply "Loup Fork." The map accompanying Warren's "Preliminary Report of Explorations in Nebraska and Dakota in the Years 1855–'56–'57," (1875), shows their camp sites with dates.

Genus AIMOPHILA Swainson

Zonotrichia melanotis Lawrence

Ann. Lyc. Nat. Hist. New York 8: 473 (not earlier than May 13), 1867.

=*Aimophila ruficauda acuminata* (Salvin and Godman). See Hellmayr, Catalogue of birds of the Americas 11: 520, 1938.

31827. Adult male. Tonala (not "Plains of Colima"), State of Jalisco, México. June 1863. Collected by John Xántus. Original number 1002.

Peucæa carpalis Coues

American Naturalist 7 (6) : 322 (footnote), June 1873.

=*Aimophila carpalis carpalis* (Coues). See Hellmayr, Catalogue of birds of the Americas 11: 521, 1938.

62372. Adult (sex not indicated). Vicinity of Tucson, Pima County, Arizona. September 1872. Collected by Charles E. Bendire. Received from Elliott Coues (in whose private collection it was No. 2689).

Bendire (Ornithologist and Oölogist 7: 121, 1882) writes: "I found these birds very common on the ridges bordering Rillitto Creek, a little back from the creek bottom proper, but seldom any great distance from the latter in the dry and arid cactus covered plains. The Rufous-winged Sparrow seemed to be particularly partial to a strip of country scarcely a mile in length by four hundred yards wide running parallel to the creek and near the present site of Camp Lowell. . . . In this comparatively small space I found not less than forty-three of their nests with eggs and a still larger number of those of the Black-throated Sparrow which were still more common, besides a number of nests containing young birds in various stages of growth."

Hæmophila sumichrasti Lawrence

Ann. Lyc. Nat. Hist. New York 10 (1–3) : 6, February–March 1871.

=*Aimophila sumichrasti* (Lawrence). See Hellmayr, Catalogue of birds of the Americas 11: 522, 1938.

54139. Adult female. Juchitán (not "Tuchitan"), State of Oaxaca, México. Sept. 8, 1868. Collected by A. L. François Sumichrast. Original number 59.

Aimophila rufescens pallida Nelson and T. S. Palmer

Auk 11 (1) : 43, January 1894.

131516. Adult female. Etzatlán, State of Jalisco, México. June 16, 1892. Collected by Edward W. Nelson. Original number 180. Received from the U.S. Fish and Wildlife Service.

Aimophila rufescens discolor Ridgway

Proc. U.S. Nat. Mus. 10: 587, Aug. 6, 1888.

112119. Adult male. Río Segovia, Honduras or Nicaragua (the south bank is Nicaragua, and the north bank, except at the mouth, is contested territory). July 19, 1887. Collected by Charles H. Townsend. Original number 2032.

112120. Adult male. Río Segovia, Honduras or Nicaragua. Aug. 8, 1887. Collected by Charles H. Townsend. Original number 2071.

112121. Adult male. Río Segovia, Honduras or Nicaragua. July 19, 1887. Collected by Charles H. Townsend. Original number 2031.

112122. Adult female. Río Segovia, Honduras or Nicaragua. July 22, 1887. Collected by Charles H. Townsend. Original number 2041.

112123. Adult male. Río Segovia, Honduras or Nicaragua. July 12, 1887. Collected by Charles H. Townsend. Original number 2010.

112124. Adult female. Río Segovia, Honduras or Nicaragua. July 22, 1887. Collected by Charles H. Townsend. Original number 2042.

112125. Immature male. Río Segovia, Honduras or Nicaragua. July 19, 1887. Collected by Charles H. Townsend. Original number 2030.

Aimophila ruficeps sororia Ridgway

Auk 15 (3) : 226, May 14, 1898 (distribution date of author's advance copies).

90063. Adult female. Sierra de la Victoria, State of Baja California, México. Feb. 19 (not 9), 1883. Collected by Lyman Belding.

See my remarks under *Cyanocompsa concreta cyanescens* Ridgway (p. 601).

Peucæa ruficeps fusca Nelson

Auk 14 (1) : 62, January 1897.

=*Aimophila ruficeps fusca* (Nelson). See Hellmayr, Catalogue of birds of the Americas 11: 531, 1938.

135909. Adult female. Etzatlán, State of Jalisco, México. June 18, 1892. Collected by Edward W. Nelson. Original number 185. Received from the U.S. Fish and Wildlife Service.

Peucæa ruficeps australis Nelson

Auk 14 (1) : 63, January 1897.

=*Aimophila ruficeps australis* (Nelson). See Hellmayr, Catalogue of birds of the Americas 11: 531, 1938.

136131. Adult female. Oaxaca, State of Oaxaca, México. June 15, 1894. Collected by Edward W. Nelson and Edward A. Goldman. Original number 2104. Received from the U.S. Fish and Wildlife Service.

Peucæa illinoensis Ridgway

Bull. Nuttall Orn. Club 4 (4) : 219, October 1879.

=*Aimophila aestivalis illinoensis* (Ridgway). See A.O.U. Committee on Classification and Nomenclature, Auk 61: 463, 1944.

78385. Adult (sex not indicated). "Lower Cross Timbers," near Gainesville, Cooke County, Texas. Apr. 10, 1879. Collected by George H. Ragsdale.

78386. Adult (sex not indicated). Aug. 11, 1879. Other data same as for No. 78385.

78387. Adult (sex not indicated). Apr. 29, 1879. Other data same as for No. 78385.

83605=61244 reentered. Adult male. Mount Carmel, Wabash County, Illinois. Aug. 14, 1871. Collected by Robert Ridgway. Original number 1479. Received from Robert Ridgway, of whose private collection it once formed part.

83606. Adult male. Mount Carmel, Wabash County, Illinois. Aug. 11, 1871. Collected by Robert Ridgway. Original number 1471. Received from Robert Ridgway, of whose private collection it once formed part.

These five perhaps represent all the cotypes, since there is no evidence that Ridgway actually examined the skins taken by Nelson and Jencks.

No. 83606 has been considered the type by Charles W. Richmond, despite the fact that it is the only one of five upon whose label nowhere appears the word "Type" in Ridgway's hand, and despite the fact that No. 83605 carries the red-rimmed private label sometimes used by Ridgway to distinguish a type specimen!

No. 61244 was presented to the museum by Ridgway in December 1871 or January 1872, but must at some time have reentered his own collection as part of an exchange, since it was again enregistered (as No. 83605) in 1881, when he finally made over his entire collection to the museum.

Fringilla Bachmani Audubon

Birds of America (folio) 2: pl. 165, 1833.

=*Aimophila aestivalis bachmani* (Audubon). See Hellmayr, Catalogue of birds of the Americas 11: 531, 1938; A.O.U. Committee on Classification and Nomenclature, Auk 68: 369, 1951.

2872. Adult (sex not indicated). Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon.

This is presumably a cotype, but since its oldest label is devoid of all essential data, except for the "n" indicating that it came to Baird from Audubon, its true history cannot now be traced.

Peucæa æstivalis, var. Arizonæ Ridgway

American Naturalist 7 (10): 616, October 1873.

=*Aimophila botterii arizonae* (Ridgway). See Phillips, Auk 60: 244, 1943.

6327. Adult male. Nogales ("on the Arizona boundary at Monument 122: long. 110°57′; alt. 3,852 feet," *fide* Van Rossem, Occ. Papers Mus. Zool. Louisiana State Univ. 21: 311, 1945), State of Sonora, México. June 1855. Collected by Caleb B. R. Kennerly. Original number 84. United States-Mexican Boundary Survey.

Aimophila botterii texana A. R. Phillips

Auk 60 (2): 242, Apr. 5, 1943.

165935. Adult male. Brownsville, Cameron County, Texas. May 2, 1900. Collected by Vernon O. Bailey. Original number 800. Received from the U.S. Fish and Wildlife Service.

Aimophila botterii goldmani A. R. Phillips

Auk 60 (2): 243, Apr. 5, 1943.

157267. Adult male. Santiago Ixcuintla, State of Nayarit, México. June 19, 1897. Collected by Edward W. Nelson and Edward A. Goldman. Original number 4509. Received from the U.S. Fish and Wildlife Service.

Coturniculus mexicanus Lawrence

Ann. Lyc. Nat. Hist. New York 8: 474 (not earlier than May 13), 1867.

=*Aimophila botterii botterii* (Sclater). See Phillips, Auk 60: 243, 1943.

31825. Adult female. Tonala, at the base of the Volcán de Colima (not "Plains of Colima"), State of Jalisco, México. June 1863. Collected by John Xántus. Original number 1010.

Aimophila sartorii Ridgway

Auk 15 (3) : 227, May 14, 1898 (distribution date of author's advance copies).

=*Aimophila petenica petenica* (Salvin). See Van Tyne, Misc. Publ. Mus. Zool. Univ. Michigan 27: 41, 1935.

44752. Adult female. Huatusco (near Hacienda "Mirador"), State of Veracruz, México. July 12, 1860. Collected by Florentin Sartorius. Original number 294.

See my remarks under *Cyanocompsa concreta cyanescens* Ridgway (p. 601).

Zonotrichia Cassinii Woodhouse

Proc. Acad. Nat. Sci. Philadelphia 6 (2) : 60, (not earlier than Apr. 27), 1852.

=*Aimophila cassinii* (Woodhouse). See Hellmayr, Catalogue of birds of the Americas 11: 535, 1938.

12531. Adult male. "On the prairie" near San Antonio, Bexar County, Texas. Apr. 25, 1851. Collected by Samuel W. Woodhouse.

Genus AMPHISPIZA Coues

Amphispiza bilineata opuntia Burleigh and Lowery

Occas. Papers Mus. Zool. Louisiana State Univ. 6: 68, Nov. 10, 1939.

=*Amphispiza bilineata confinis* Van Rossem. See A.O.U. Committee on Classification and Nomenclature, Auk 62: 448, 449, 1945.

342085. Adult male. Ten miles east of Frijole (at elev. 4,800 feet), Guadalupe Mountains, Culberson County, Texas. Jan. 2, 1939. Collected by Thomas D. Burleigh. Original number 5458. Received from the U.S. Fish and Wildlife Service.

Amphispiza bilineata deserticola Ridgway

Auk 15 (3) : 229, May 14, 1898 (distribution date of author's advance copies).

98884. Adult male. Tucson, Pima County, Arizona. May 12, 1884. Collected by Edward W. Nelson.

See my remarks under *Cyanocompsa concreta cyanescens* Ridgway (p. 601).

Amphispiza bilineata pacifica Nelson

Auk 17 (3) : 267, July 1900.

164339. Adult female. Álamos (lat. 27°01′ N., long. 108°58′ W.), State of Sonora, México. Dec. 29, 1898. Collected by Edward A. Goldman. Original number 6024. Received from the U.S. Fish and Wildlife Service.

Amphispiza bilineata grisea Nelson

Proc. Biol. Soc. Washington 12: 61, Mar. 24, 1898.

136006. Adult male. Tula, State of Hidalgo, México. Mar. 9, 1893. Collected by Edward W. Nelson. Original number 868. Received from the U.S. Fish and Wildlife Service.

Poospiza Bellii, var. **Nevadensis** Ridgway

Bull. Essex Inst. 5 (11): 191, November 1873.

=*Amphispiza belli nevadensis* (Ridgway). See Hellmayr, Catalogue of birds of the Americas 11: 543, 1938.

53516. Adult male. "Camp No. 18"="Wright's Cañon, on the western slope of the West Humboldt Mountains," near Oreana, Pershing County, Nevada. Sept. 11, 1867. Collected by Robert Ridgway. Original number 132. U.S. Geological Exploration of the 40th Parallel.

While no definite specimens are mentioned at the original description, No. 53516 is stated to be the type by Ridgway, *op. cit.*, p. 198.

Amphispiza belli clementeæ Ridgway

Auk 15 (3): 230, May 14, 1898 (distribution date of author's advance copies).

=*Amphispiza belli clementeae* Ridgway. See A.O.U. Committee on Classification and Nomenclature, Auk 61: 463, 1944.

117612. Adult male. San Clemente Island, Los Angeles County, California. Jan. 25, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

See my remarks under *Cyanocompsa concreta cyanescens Ridgway* (p. 601).

Amphispiza belli cinerea C. H. Townsend

Proc. U.S. Nat. Mus. 13: 136, Sept. 9, 1890.

117575. Adult male. Ballenas Bay (Pacific coast at about lat. 26°45′ N.), State of Baja California, México. May 3–4, 1888. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Genus JUNCO Wagler

Struthus caniceps Woodhouse

Proc. Acad. Nat. Sci. Philadelphia 6 (6): 202, Feb. 7, 1853.

=*Junco caniceps caniceps* (Woodhouse). See Miller, Univ. California Publ. Zool. 44: 381–382, 1941.

9281. Adult female. "Camp No. 17"=(probably) Hart Spring, San Francisco Mountains (at lat. 35°16′ N.), Coconino County, Arizona (not New Mexico). Oct. 14, 1851. Collected by Samuel W. Woodhouse.

Woodhouse had as cotypes "several specimens of males" in the collection of the Academy of Natural Sciences of Philadelphia and this one female. The male birds have now vanished without trace.

Junco dorsalis Henry

Proc. Acad. Nat. Sci. Philadelphia 10: 117 (not earlier than May 25), 1858.

=*Junco caniceps dorsalis* Henry. See Miller, Univ. California Publ. Zool. 44: 382–384, 1941.

9272=9271? Adult (sex not indicated). Fort Stanton (not Fort Thorn), Lincoln County, New Mexico. Entered into the museum register on Feb. 27, 1858. Collected by T. Charlton Henry.

There were apparently but two cotypes of this form, of which one (No. 9271=9272?) was returned to its collector in 1859 and has now disappeared. The true type locality of *Junco dorsalis* has been established by Cooke (*in* Bailey, Birds of New Mexico, p. 740, 1928). That the views there expressed are correct may be assumed not only from the evidence adduced by Cooke, but also from the fact that the junco was described in the same note as "*Toxostoma dorsalis*" on the leaf (pp. 117 and 118) that was to be suppressed about a month later, so that the name of the latter might be altered to "*Toxostoma crissalis*" (see Oberholser, Auk 37: 303, 1920). In the course of correcting one printer's error, several others seem to have been perpetrated!

A full discussion of the ambiguities surrounding the data for Nos. 9271 and 9272 has been presented by Miller (*loc. cit.*). I suggest that the true No. 9271 was the specimen returned to Henry, and that Baird's No. "9270" should have read No. "9272"; many similar *lapsus* occur in his report of 1858, and also in the notations subsequently added to the museum register. based upon carelessly copied early records.

J[unco]. cinereus palliatus Ridgway

Auk 2 (4): 364, October 1885.

=*Junco phaeonotus palliatus* Ridgway. See Miller, Univ. California Publ. Zool. 44: 384–385, 1941.

68817. Adult male. Graham Peak, Pinaleno Mountains, Graham County, Arizona. Sept. 19, 1874. Collected by Henry W. Henshaw. Original number 749. U.S. Geographical and Geological Explorations and Surveys West of the 100th Meridian (Expedition of 1874).

Junco bairdi, "Belding, MS." Ridgway

Proc. U.S. Nat. Mus. 6: 155, Oct. 11, 1883.

=*Junco bairdi* Ridgway. See Miller, Univ. California Publ. Zool. 44: 386–388, 1941.

89810. Adult male (not "not determined"). La Laguna (about lat. 23°35′ N.), Sierra de la Laguna (northern portion of the Sierra de la Victoria), State of Baja California, México. Feb. 2, 1883. Collected by Lyman Belding.

89811. Adult (sex not indicated, not "male"). Same data as No. 89810.

Doubtless through a printer's error, the numbers 89810 and 89811 were transposed in Ridgway's original description.

Junco fulvescens Nelson

Auk 14 (1): 61, January 1897.

143906. Adult male. San Cristóbal Las Casas, State of Chiapas, México. Sept. 21, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3079. Received from the U.S. Fish and Wildlife Service.

Junco alticola Salvin

Proc. Zool. Soc. London, for 1863 (2): 189, August 1863.

30757. Adult (sex not indicated). Volcán de Fuego, Department of Sacatepéquez, Guatemala, November 1861. Collected by Osbert Salvin and Frederick Du C. Godman. Original number 769. Received from Osbert Salvin and Frederick Du C. Godman (of whose private collection it once formed part).

This skin, received in Washington in December 1863, is marked by Salvin as "Type specimen," and is unquestionably one of the cotypes. Four others, with similar data, are in the collection of the British Museum (see Miller, Univ. California Publ. Zool. 44: 388–389, 1941).

F[ringilla]. Oregana J. K. Townsend

Journ. Acad. Nat. Sci. Philadelphia 7 (2): 188, 1837.

=*Junco oreganus oreganus* (Townsend). See Miller, Univ. California Publ. Zool. 44: 395–396, 1941.

1947. Adult male. "Forests near the Columbia river"=vicinity of Fort Vancouver, Clark County, Washington. Oct. 5, 1834. Collected by John K. Townsend. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John K. Townsend?

1948. Subadult male? "Forests near the Columbia river." Oct. 16, 1834. Collected by John K. Townsend. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John K. Townsend?

A third cotype, with similar data, is preserved in the collection of the Academy of Natural Sciences of Philadelphia, where it is No. 24048.

Junco montanus Ridgway

Auk 15 (4): 321, October 1898.

=*Junco oreganus montanus* Ridgway. See Miller, Univ. California Publ. Zool. 44: 391–393, 1941.

133253. Adult male. Columbia Falls, Flathead County, Montana. May 7, 1894. Collected by Robert S. Williams. Received from Robert S. Williams.

Junco mearnsi Ridgway

Auk 14 (1): 94, January 1897.

=*Junco oreganus mearnsi* Ridgway. See Miller, Univ. California Publ. Zool. 44: 390–391, 1941.

11164. Adult male. Fort Bridger (Camp Scott), Uinta County, Wyoming. Apr. 12, 1858. Collected by Constantin Drexler. Original number 177. South Pass Wagon Road Expedition.

Junco hyemalis shufeldti Coale

Auk 4 (4) : 330, October 1887.

=*Junco oreganus shufeldti* Coale. See Miller, Univ. California Publ. Zool. 44: 393–395, 1941.

106035. Adult male. Fort Wingate, McKinley County, New Mexico. Oct. 13, 1885. Collected by Robert W. Shufeldt.

Junco oreganus pontilis Oberholser

Condor 21 (3) : 119, June 6, 1919.

196964. Adult male. "El Rayo" (a "ranch on western flank of Sierra Juárez, altitude 4700 feet, a little south of lat. 32°, 7 miles west of Laguna Hanson," *fide* Grinnell, Univ. California Publ. Zool. 32: 23, 1928), State of Baja California, México. June 4, 1905. Collected by Edward W. Nelson and Edward A. Goldman. Original number 11276. Received from the U.S. Fish and Wildlife Service.

Junco insularis Ridgway

Bull. U.S. Geol. and Geogr. Surv. Terr. 2 (2) : 188, 1876.

70015. Adult male. Guadalupe Island (lat. 29°00′ N., long. 118°15′ W.), eastern Pacific Ocean off the State of Baja California, México. Feb. 12, 1875. Collected by Edward Palmer. Original number 10.

70016. Adult male. Feb. 12–20, 1875. Other data same as for No. 70015.

70017. Adult male. Same data as No. 70016.

70018. Adult male. Same data as No. 70016.

70020. Adult female. Guadalupe Island. Feb. 12–20, 1875. Collected by Edward Palmer. Original number 9.

70021. Adult female. Same data as No. 70020.

70023. Adult female. Same data as No. 70020.

70024. Adult female. Same data as No. 70020.

70026. Immature (sex not indicated). Guadalupe Island. Feb. 12–20, 1875. Collected by Edward Palmer. Original number 49.

70027. Immature (sex not indicated). Same data as No. 70026.

Thirteen specimens came from Palmer to the museum, but only twelve were listed by Ridgway in the original description, since No. 70019 had apparently already disappeared prior to report on the collection. The missing No. 70019, should it ever be found, has accordingly no claim to cotypeship.

Two other specimens are not listed above; of these, No. 70021, a female, was sent on April 12, 1883, to Osbert Salvin and is now in the British Museum (Natural History), London, while No. 70025, an unsexed immature (with original number "35") was sent in 1877 to George N. Lawrence, from whom it may have passed to the American Museum of Natural History, New York.

Although, at the original description, all of these (excepting No. 70019) were given equal status as cotypes, yet it should be noted that the word "Type" in Ridgway's hand appears on the reverse side of the oldest labels of No. 70015, a male, and No. 70023, a female.

Junco hyemalis danbyi Coues

Nidiologist 3 (2): 14, October 1895.

=*Junco aikeni* Ridgway. See Miller, Univ. California Publ. Zool. 41: 409, 1944.

153188. Adult (sex not indicated). Custer, Custer County, South Dakota. September 1895. Collected by Elliott Coues. Received from Elliott Coues.

Junco hyemalis, var. **Aikeni** Ridgway

American Naturalist 7 (10): 613 (in key), 615, October 1873.

=*Junco aikeni* Ridgway. See Miller, Univ. California Publ. Zool. 44: 404–405, 1941.

61302. Adult male. Near Fountain, El Paso County, Colorado. Dec. 11, 1871. Collected by Charles E. H. Aiken. Original number 1053. Received from Charles E. H. Aiken (of whose private collection it once formed part).

Ridgway states that he examined a series of four males and two females, but our No. 61302, for which full data are given at the original description, is obviously *the* type, even though, perhaps through an oversight, the word "type" is nowhere used. This specimen had already entered the museum collection early in 1872, and it is certain that Ridgway intended to bestow typeship upon the only member of the series not the personal property of the collector.

Junco annectens Baird

in Cooper, Geol. Surv. California, Orn. 1: 564 (not earlier than October) 1870.

=*Junco caniceps caniceps* (Woodhouse) × *Junco oreganus mearnsi* Ridgway. See Miller, Univ. California Publ. Zool. 44: 405–406, 1941.

10701. Adult female. Fort Bridger (Camp Scott), Unita County, Wyoming (not Utah). May 28, 1858. Collected by Constantin Drexler. Original number 474. South Pass Wagon Road Expedition.

Baird had before him several specimens, but Ridgway (Birds of North and Middle America 1: 276 [footnote 2], 1901) has shown that all but No. 10701 were examples of the form later to be named *Junco oreganus mearnsi* Ridgway (an opinion with which Miller concurs). Thus restricted, the skin listed above is the only possible type of *Junco annectens.*

Genus SPIZELLA Bonaparte

Spizella passerina boreophila Oberholser

Journ. Washington Acad. Sci. 45 (2): 59, Mar. 14, 1955.

194942. Adult male. Fort Simpson (at the confluence of the Mackenzie and Liard Rivers), District of Mackenzie, Northwest Territories, Canada. May 23, 1904. Collected by Edward A. Preble. Original number 1761. Received from the U.S. Fish and Wildlife Service.

[(Spizella) socialis] var. **arizonæ** Coues

Key to North American Birds, p. 143, Oct. 1872.

=*Spizella passerina arizonae* Coues. See Hellmayr, Catalogue of birds of the Americas 11: 557, 1938.

37151. Adult male. Fort Whipple (near Prescott), Yavapai County, Arizona. Oct. 6, 1864. Collected by Elliott Coues. Original number 814.

37153. Adult (sex not indicated). Fort Whipple, Yavapai County, Arizona. Aug. 29, 1864. Collected by Elliott Coues. Original number 667.

37157. Adult male. Fort Whipple, Yavapai County, Arizona. Oct. 10, 1864. Collected by Elliott Coues. Original number 778.

37158. Adult (sex not indicated). Fort Whipple, Yavapai County, Arizona. Oct. 10, 1864. Collected by Elliott Coues. Original number 736.

37164 A. Adult (sex not indicated). Fort Whipple, Yavapai County, Arizona. Oct. 6, 1864. Collected by Elliott Coues. Original number 816.

37164 B. Subadult female. Fort Whipple, Yavapai County, Arizona. Sept. 24, 1864. Collected by Elliott Coues. Original number not known.

37165. Subadult (sex not indicated). Fort Whipple, Yavapai County, Arizona. Sept. 17, 1864. Collected by Elliott Coues. Original number 756.

Some 40 specimens, all from Fort Whipple and all of Coues's collecting, were entered into the museum register prior to publication of the name *arizonae;* perhaps 35 of these were still in the collection in October 1872, and all must be considered as at least potential cotypes. (Of the 35, 17 now lie before me.)

Twenty-six specimens taken in the autumn of 1864 were entered into the register in April 1865, apparently by Baird, as "Spizella arizonae Coues" (without a following query); so far as members of this series are still in Washington, the same name appears in Coues's hand upon their labels.

Thirteen others, mostly taken in the spring of 1865, were entered in January 1866 as "Spizella ?"; upon the labels of surviving specimens appears in Coues's hand either " 'arizonae'?" and/or "socialis?."

Careful study of Coues's diagnosis shows that the cotypes must be adult or subadult birds in autumn plumage—in short, members of the earlier series labeled by Coues himself as *arizonae* and from which the diagnosis published in 1872 must have been drawn. The series collected in the spring of 1865 does not, of course, fit this diagnosis, since the crown is no longer "grayish-brown streaked with dusky like the back," the black frontlet is *not* lacking, and there *is* a "definite ashy superciliary line." To judge from label identifications, the spring-taken series must have caused Coues himself to doubt the validity of the form he had intended to name from the autumn-taken birds.

Despite the author's reservations, he was nevertheless to publish the name in October 1872, accompanied by a diagnosis established wholly upon the autumn birds collected in 1864 and to which he had tentatively given the name *arizonae* as early as 1865.

In other words, the cotypes of *arizonae* must be found among Nos. 37145–37170, some of which, wearing a striated immature plumage not mentioned in the description, need not be seriously considered. The 7 listed above are the only ones still in Washington; on the labels of four of them, Richmond has written "Cotype!," but at no time could he decide which one had more claim to typeship than another and therefore never selected any one of them as the type. Of the 19 not listed above, some have disappeared from the collection without trace, while others were sent long ago to various institutions and collectors.

Spizella socialis mexicana Nelson

Auk 16 (1) : 30, January 1899.

=*Spizella passerina mexicana* Nelson. See Hellmayr, Catalogue of birds of the Americas 11: 558, 1938.

143975. Adult male. San Cristóbal Las Casas, State of Chiapas, México. Sept. 24, 1895. Collected by Edward W. Nelson and Edward A. Goldman. Original number 3116. Received from the U.S. Fish and Wildlife Service.

Emberiza Shattuckii Audubon

Birds of America 7: 347, pl. 493.

=*Spizella pallida* (Swainson). See Hellmayr, Catalogue of birds of the Americas 11: 559, 1938.

1937. Adult (sex not indicated). "The country bordering the Upper Missouri"=vicinity of Fort Union (near the confluence of the Yellowstone River with the Missouri), Williams or McKenzie County, North Dakota. 1843. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon.

Spizella Breweri Cassin

Proc. Acad. Nat. Sci. Philadelphia 8 (1) : 40 (not earlier than Feb. 26), 1856.

=*Spizella breweri breweri* Cassin. See Hellmayr, Catalogue of birds of the Americas 11: 561, 1938.

1905. Adult female. "Rocky Mts."=Big Sandy Creek (at about lat. 42°00′ N., long. 109°30′ W.), Sweetwater County, Wyoming. June 15, 1834. Collected by John K. Townsend. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon, who, in turn, obtained it from John K. Townsend.

2890. Adult male. Same data as No. 1905.

Our Nos. 1905 and 2890 were taken at the same time and place as the type specimen of *Orpheus montanus* Townsend (see Coues, Auk 17: 68–69, 1900).

Cassin saw an unspecified number of skins from "Western North America, California, New Mexico," most of which doubtless were or are in the Academy of Natural Sciences of Philadelphia. At least one of these is listed by Stone (Proc. Acad. Nat. Sci. Philadelphia 51: 30, 1899): a Townsend-taken bird (No. 24050) from "Black Hills, Dak[ota]." This bird could have come, of course, only from Townsend's "Black Hills" of Wyoming; see my remarks under *F*[*ringilla*]. *bicolor* Townsend (p. 637).

Spizella wortheni Ridgway

Proc. U.S. Nat. Mus. 7: 259, Sept. 19, 1884.

98512. Adult male. Silver City, Grant County, New Mexico. June 16, 1884. Collected by Charles H. Marsh. Received from Charles K. Worthen.

Spizella evura Coues

Proc. Acad. Nat. Sci. Philadelphia, for 1866, p. 87, June 11, 1866.

=*Spizella atrogularis evura* Coues. See Van Rossem, Condor 37: 282–283, 1935.

40821. Immature female. Fort Whipple, Yavapai County, Arizona. July 21, 1865. Collected by Elliott Coues. Original number 1540.

83567. Immature (sex not indicated). Fort Whipple, Yavapai County, Arizona. Aug. 10, 1864. Collected by Elliott Coues. Original number 529. Received from Robert Ridgway (of whose private collection it once formed part), who probably acquired it from Elliott Coues.

The name *evura* first appeared on Coues's labels for Nos. 37142–37144 (from 50 miles south of Fort Wingate, New Mexico), which were entered into the museum register by Baird in April 1865 as "Spizella evura Coues," but these three (none of which is now in the museum) are precluded by provenience from consideration as cotypes.

At the place in which the name *evura* is first published, Coues states that "during my first autumn [1864] at Fort Whipple I shot numerous specimens" exhibiting the characters of *evura*. Not one of these can now be found in Washington with the exception of No. 83567, which was apparently obtained by Ridgway directly from Coues; on the reverse side of Ridgway's private label is written "Typical of 'evura' Coues," in Coues's own hand.

No. 40821, although not collected in the autumn of 1864, yet was taken prior to publication of the name, and is at least potentially a cotype; upon the face of Coues's private label is written "Spizella 'evura' mihi."

Spizella atrogularis cana "Coues" Grinnell and Swarth

Auk 43 (4): 478, Oct. 11, 1926.

23867. Immature male. Sierra Santa Gertrudis, "a southern section of the Victoria Mountains in the Cape district, not far from San José del Cabo" (see Grinnell, Univ. California Publ. Zool. 32 : 31, 1928), State of Baja California, México. January 1861. Collected by John Xántus. Original number 6022.

Although the name *cana* has been generally attributed to Coues (Proc. Acad. Nat. Sci. Philadelphia, for 1866, p. 88, 1866), I cannot see that it is there anything but a *nomen nudum*—not only unaccompanied by any indication of difference, but even (erroneously) shown to be inseparable from Coues's *evura:* "Several specimens from Cape St. Lucas, in precisely the plumage of my autumnal Whipple examples, I find labeled by Baird with the MSS. name '*S. cana*, n. s.' " (complete "description").

If Coues is to be accepted as author of a valid name, a number of cotypes are to be considered, but No. 23867 is the type of *Spizella atrogularis cana* Grinnell and Swarth.

Struthus atrimentalis Couch

Proc. Acad. Nat. Sci. Philadelphia 7 (2): 67 (not earlier than Apr. 25), 1854.

=*Spizella atrogularis atrogularis* (Cabanis). See Hellmayr, Catalogue of birds of the Americas 11: 564, 1938.

4335. Adult male. Agua Nueva, State of Coahuila, México. May 1853. Collected by Darius N. Couch. Original number 223.

Genus ZONOTRICHIA Swainson

Fringilla Harrisii Audubon

Birds of America 7: 331, pl. 484, 1844.

=*Zonotrichia querula* (Nuttall). See Hellmayr, Catalogue of birds of the Americas 11: 565, 1938.

1940. Adult male. "Kickapoo country"=Doniphan County, Kansas. May 6 (not 5), 1843. Collected by Edward Harris. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon.

Audubon states that six specimens were actually shot, all but one by Edward Harris. Reference to Harris's Journal (ed. McDermott, University of Oklahoma Press, p. 57, 1951) shows that the first of the species was taken by him on May 4, 1843, along the Missouri below the Black Snake Hills. On May 5, the party "stopped at Black Snake Hills on the Missouri Side of the river [=Robidoux's Post on the site of the future city of Saint Joseph, Buchanan County]." On May 6 was collected "another Finch of same species as that of Thursday [May 4] in better plumage—both males—Landed our Indians today at their settlement." The third specimen was not taken until several days later.

The oldest label carried by our No. 1940 has all data written in Baird's hand. The date "5 May" can only be a *lapsus calami* for May 4 or May 6, since the accounts of both Audubon and Harris mention no specimen of the new bird taken on May 5. The words "Kickapoo country" indicate that our skin is indeed the one of May 6, since the farthest point of the riverside boundary of the Kickapoo Reservation (which began across the Missouri just a few miles above the modern Saint Joseph) would have been passed during the first day's travel upstream from Robidoux's Post, which had been visited on May 5, 1843.

Two other cotypes, obtained from Edward Harris, are in the collection of the Academy of Natural Sciences of Philadelphia (Nos. 24073 and 24074).

Zonotrichia leucophrys, var. intermedia Ridgway

in Baird and Ridgway, Bull. Essex Inst. 5 (12) : 198, December 1873.

=*Zonotrichia leucophrys gambelii* (Nuttall). See Hellmayr, Catalogue of birds of the Americas 11: 567, 1938.

3341. Adult? female. California. Winter, "1853–1854" (see Baird, Rep. Expl. and Surv. R.R. Pac. 9: 461, 1858)=1843–1844? Collected by William Gambel. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from Thomas B. Wilson, who, in turn, obtained it from William Gambel.

5551. Subadult male. Petaluma, Sonoma County, California. Entered into the museum register in December 1856. Collected by Emanuel Samuels. Original number 293.

6205. Adult male. Sacramento, Sacramento County, California. Entered into the museum register on Apr. 13, 1857. Collected by Adolphus L. Heermann.

26568. Adult? female. San José del Cabo, State of Baja California, México. Nov. 15, 1859. Collected by John Xántus. Original number 3365.

46986. Adult?female. Laredo, Webb County, Texas. Feb. 3, 1867. Collected by H. B. Butcher. Original number 897.

52683. Adult (sex not indicated, but apparently male). Sun River, Cascade County, Montana. Sept. 25, 1867. Collected by Rudolph B. Hitz. Original number 130.

62998. Adult? female. Iron Springs, Iron County, Utah. Oct. 4, 1872. Collected by Henry W. Henshaw. Original number 227. Geographical and Geological Explorations and Surveys West of the 100th Meridian (Expedition of 1872).

Ridgway mentioned no type locality for this form, but gave its range as "Middle Province of the U.S., north to Alaska in the interior." Not until publication of his "Birds of North and Middle America" (1: 340 [footnote 2], 1901), does he state: "Type from Ft. Kenai, Alaska, May." There is reason to believe, however, as I shall show, that the four skins available to him from Fort Kenai (Nos. 58435, 58436, 58438, and 58439) were not considered representative of *intermedia* at the time of description.

I have withdrawn from the collection all surviving specimens that have been labeled *intermedia* by Ridgway himself and that were part of the collection prior to December 1873 (many seen by him have been sent away or have otherwise been lost to the museum). There are eight of these, of which six (Nos. 3341, 5551, 6205, 26568, 46986, and 52684) carry original labels upon which the words "gambelii" or "leucophrys" have been crossed out with blue pencil, while the word "intermedia" in Ridgway's hand appears on the reverse side in the same blue pencil.

A seventh, No. 62998, carries as its oldest label Ridgway's own, upon which appears the red tab with which he distinguished type specimens in his private collection.

The eighth, No. 26572, has the word "intermedia" written in ink by Ridgway on the obverse side of the label; I assume that this identification was made subsequently to description of *intermedia,* and that it was not one of the original series.

Two of the Fort Kenai birds (Nos. 58438 and 58439) now lie before me. No. 58438 carries only a red type label, upon which the name and data have been transcribed by William Palmer. The other, bearing an original label, at no time, by anyone, has been identified as anything but *gambelii!* Thus, although these skins had been available to Ridgway in 1873, he did not then consider them representative of his *intermedia,* and accordingly they did not become eligible for cotypeship.

Another argument against the choice of a Fort Kenai bird as lectotype is the fact that Ridgway in 1873 gave the Alaskan range of *intermedia* as "in the interior," and in 1887 (Manual of North American birds, p. 416) as "Breeding throughout Alaska (except coast east and south of the peninsula)." Either of these statements would rule out Fort Kenai as type locality, and the second shows that as late as 1887 Ridgway had not yet claimed that his *intermedia* occurred at Fort Kenai.

It is very possible that some of the true cotypes listed above are representative of *Z. l. leucophrys* rather than of *gambelii,* and thus that the series should be still further reduced.

Zonotrichia leucophrys nuttalli Ridgway

Auk 16 (1) : 36, January 1899.

78183. Adult male. Santa Cruz, Santa Cruz County, California. Entered into the museum register on July 7, 1879. Collected by William A. Cooper. Original number 52.

Ridgway bestowed this name upon "the darker coast form" (his entire description!), which had been previously erroneously known to authors as "*gambelii.*" Since once again the author carelessly neglected to designate a type specimen, the entire series of *nuttalli* then in the museum should presumably rank as cotypes!

In 1901 Ridgway (Birds of North and Middle America, 1: 343) states: "type from Santa Cruz, mid. coast, California"; No. 78183 was about that time equipped by William Palmer with a red type label. In fact, however, its claims to typeship are no more cogent than those of numerous other cotypes.

Since the form was first properly diagnosed and given a type locality in 1901, it might be argued that the name should be cited from 1901!

Brachyspiza antillarum Riley
Smithsonian Misc. Coll. 66 (15) : 2, Dec. 1, 1916.
=*Zonotrichia capensis antillarum* (Riley). See Chapman, Bull. Amer. Mus. Nat. Hist. 77: 391, 1940.
249605. Adult male. Constanza (elev. 5,000 feet), Dominican Republic, Hispaniola. Sept. 23, 1916. Collected by William L. Abbott.

Brachyspiza capensis insularis Ridgway
Auk 15 (4) : 321, October 1898.
=*Zonotrichia capensis insularis* (Ridgway). See Chapman, Bull. Amer. Mus. Nat. Hist. 77: 398, 1940.
151724. Adult male. Curaçao Island, Caribbean Sea off the State of Falcón, Venezuela. July 28, 1895. Collected by Wirt Robinson. Original number 553.

Zonotrichia capensis orestera Wetmore
Smithsonian Misc. Coll. 117 (2) : 9, Sept. 25, 1951.
434103. Adult male. Southeast face of Cerro Campana (at elev. 2,000 feet), Province of Panamá, Panamá. Mar. 2, 1951. Collected by Alexander Wetmore and Watson M. Perrygo. Original number 16122.

Brachyspiza capensis mellea Wetmore
Proc. Biol. Soc. Washington 35: 39, Mar. 20, 1922.
=*Zonotrichia capensis mellea* (Wetmore). See Chapman, Bull. Amer. Mus. Nat. Hist. 77: 403, 1940.
284146. Adult male. Eight kilometers west of Puerto Pinasco, Paraguay. Sept. 16, 1920. Collected by Alexander Wetmore. Original number 5010. Received from the U.S. Fish and Wildlife Service.

Brachyspiza capensis choraules Wetmore and J. L. Peters
Proc. Biol. Soc. Washington 35: 44, Mar. 20, 1922.
=*Zonotrichia capensis choraules* (Wetmore and Peters). See Chapman, Bull. Amer. Mus. Nat. Hist. 77: 405, 1940.
284125. Adult male. General Roca, Territory of Río Negro, Argentina. Nov. 30, 1920. Collected by Alexander Wetmore. Original number 5484. Received from the U.S. Fish and Wildlife Service.

Genus PASSERELLA Swainson

Passerella iliaca zaboria Oberholser
Journ. Washington Acad. Sci. 36 (11) : 388, Nov. 20, 1946.
187118. Adult male. Circle (a settlement on the upper Yukon River, above its confluence with the Porcupine), eastern Alaska. July 4, 1903. Collected by Ned Hollister. Original number 240. Received from the U.S. Fish and Wildlife Service.

Passerella iliaca altivagans Riley
Proc. Biol. Soc. Washington 24: 234, Nov. 28, 1911.

222832. Subadult male. Moose Pass Branch (a headwater of the Smoky River in the northern part of Jasper National Park), at about 7,000 feet, Province of Alberta, Canada. July 31, 1911. Collected by J. Harvey Riley. Original number 2175. Alpine Club of Canada's Expedition to Jasper Park, Yellowhead Pass, and the Mount Robson Region, 1911.

Passerella iliaca insularis Ridgway

Auk 17 (1) : 30, January 1900.

52475. Adult male. Kodiak Island (off the eastern base of the Alaska Peninsula), southern Alaska. May 17, 1868. Collected by Ferdinand Bischoff. Original number 2.

Passerella iliaca annectens Ridgway

Auk 17 (1) : 30, January 1900.

170222. Adult male. Yakutat (a settlement on Yakutat Bay), southeastern Alaska. June 29, 1899. Collected by Robert Ridgway.

Passerella iliaca fuliginosa Ridgway

Auk 16 (1) : 36, January 1899.

157611. Adult male. Neah Bay, Clallam County, Washington. June 10, 1897. Collected by Edward A. Preble. Original number 319. Received from the U.S. Fish and Wildlife Service.

Plectrophanes townsendi Audubon

Birds of America (folio) 4 (85) : pl. 424, fig. 7, 1838.

=*Passerella iliaca townsendi* (Audubon). See Swarth, Univ. California Publ. Zool. 21: 144, 1920.

2874. Adult female. "Columbia River"=(probably) the vicinity of Fort Vancouver, Clark County, Washington (see Townsend, Narrative of a journey across the Rocky Mountains, p. 345, 1839). Feb. 15, 1836. Collected by John K. Townsend. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon, who in turn obtained it from John K. Townsend.

Passerella iliaca olivacea Aldrich

Proc. Biol. Soc. Washington 56: 163, Dec. 8, 1943.

270664. Adult male. Reflection Lake (elev. 4,900 feet), Mount Rainier, Pierce County, Washington. July 18, 1919. Collected by Walter P. Taylor. Original number 478. Received from the U.S. Fish and Wildlife Service.

Passerella schistacea Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xl (in list), 490, 1858.

=*Passerella iliaca schistacea* Baird. See Swarth, Univ. California Publ. Zool. 21: 152, 1920.

5718. Adult female. "Near Platte R[iver]"="probably between Laramie Crossing and Goodale's Crossing" (see Swarth, *op. cit.*, p. 153), Keith County, Nebraska. July 19, 1856. Collected by William S. Wood, Jr. Original number 131. Wagon Road Expedition from Fort Riley to Bridger's Pass, 1856.

P[asserella]. megarhynchus [*sic*] Baird
in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xl (in list), 925, 1858.
=*Passerella iliaca megarhyncha* Baird. See Hellmayr, Catalogue of birds of the Americas 11: 591, 1938.
10279. Adult male. Fort Tejon, Kern County, California. Entered into the museum register on May 20, 1858. Collected by John Xántus. Original number 1299.
10280 (reentered as 12402). Adult female. Fort Tejon, Kern County, California. Jan. 7–11, 1858. Collected by John Xántus. Original number 1397.

The only possible cotypes of this form are Nos. 10278–10280, the three from Fort Tejon listed by Baird on page 490 as *Passerella "schistacea."* No. 10278 cannot now be found in the collection.

Genus MELOSPIZA Baird

Melospiza georgiana ericrypta Oberholser
Bird life of Louisiana, Louisiana Dep. Cons. Bull. 28: 675, June 1938.
283543. Adult male. Fort McMurray, near McMurray (at the confluence of the Clearwater River with the Athabaska), Athabaska Electoral District, Province of Alberta, Canada. May 6, 1921. Collected by John A. Loring. Original number 970. Received from the U.S. Fish and Wildlife Service.

Passerculus caboti Baird, Brewer, and Ridgway
History of North American birds 2: pl. 46, fig. 9, Jan. 1874.
=*Melospiza georgiana georgiana* (Latham). See Hellmayr, Catalogue of birds of the Americas 11: 595, 1938.
62373. Immature (sex not indicated). Nahant, Essex County, Massachusetts. Entered into the museum register on Dec. 17, 1872. Collected by Samuel Cabot, Jr. Received from Samuel Cabot, Jr.

This fragmentary specimen (consisting of head, neck, and upper back only!) was nowhere described, but became the type of a colored drawing (which, incidentally, does not at all resemble its model!).

Since no author's name is mentioned, *Passerculus caboti* is customarily credited jointly to Baird, Brewer, and Ridgway, but it may be noted that the oldest label carries the words "Passerculus caboti, Baird."

Melospiza georgiana nigrescens G. M. Bond and Stewart
Wilson Bull. 63 (1). 38, April 1951.
418565. Adult male. Marshes of the Nanticoke River (opposite Vienna), Wicomico County, Maryland. June 24, 1950. Collected by Gorman M. Bond and Robert E. Stewart. Original number 120. Received from the U.S. Fish and Wildlife Service.

This number of The Wilson Bulletin is dated "March 1951," but did not appear until some time in April. The editor then incumbent, George M. Sutton, informed me in a letter dated Apr. 30,1951: "The March issue of the *Bulletin* was badly delayed as a result of color-plate difficulties. I received a sort of advance copy myself about April 10, but Dr. [Andrew J.] Berger did not receive his copy until April 27. From all that I can learn, April 24 is about as close as we can come to an accurate date of publication."

The U.S. National Museum copy reached the museum library from Baltimore on April 24, so it must obviously have been sent out at least one day earlier.

Melospiza melodia maxima Gabrielson and Lincoln

Condor 53 (5): 251, Sept. 26, 1951.

230692. Adult male. Kiska Harbor, Kiska Island, Rat Group, Aleutian Islands, Alaska. June 17, 1911. Collected by Alexander Wetmore. Original number 518. Received from the U.S. Fish and Wildlife Service.

Melospiza melodia amaka Gabrielson and Lincoln

Condor 53 (5): 253, Sept. 26, 1951.

298522. Adult male. Amak Island (off Cape Glazenap near the tip of the Alaska Peninsula), Alaska. July 13, 1925. Collected by Olaus J. Murie. Original number 3103. Received from the U.S. Fish and Wildlife Service.

Melospiza insignis Baird

Trans. Chicago Acad. Sci. 1 (2): 319, pl. 29, fig. 2 (not earlier than Oct. 22), 1869.

=*Melospiza melodia insignis* Baird. See Hellmayr, Catalogue of birds of the Americas 11: 600, 1938.

52476. Adult female? (in register, "♂"), Kodiak Island (off the eastern base of the Alaska Peninsula), southern Alaska. May 27, 1868. Collected by Ferdinand Bischoff.

52477. Adult male. Kodiak Island, southern Alaska. May 24, 1868. Collected by Ferdinand Bischoff. Original number 1.

52479. Adult male. Kodiak Island, southern Alaska. June 10, 1868. Collected by Ferdinand Bischoff.

54536. Adult (sex not indicated). Kodiak Island, southern Alaska. Sept. 25, 1868. Collected by Ferdinand Bischoff.

54537. Adult (sex not indicated). Kodiak Island, southern Alaska. Aug. 12, 1868. Collected by Ferdinand Bischoff.

There were evidently six skins in Baird's original series, of which one, No. 52478, has disappeared from the collection without trace.

Although no specimen was designated as the type, yet Baird himself has written "Type" on the label (not Bischoff's original one) of No. 52476. The choice of this bird as lectotype is a strange one, since its bill has been shot away (or eaten by insects?), its sex is doubtful, and its measurements are well below the average ones given by the author.

It might be noted that Nos. 54536 and 54537 were entered into the museum register with the simple name "Melospiza," to which Baird himself later added "insignis n.s."; Nos. 52476–52479, originally entered as "Melospiza," have the word "insignis" only in the hand of Charles W. Richmond. Thus it appears that Nos. 54536 and 54537 were the specimens that first convinced Baird that he had to deal with an unnamed race.

Despite Baird's later and apparently capricious choice of No. 52476 as lectotype, all of the original six must be considered cotypes.

Melospiza melodia kenaiensis Ridgway

Auk 17 (1): 29, January 1900.

131730. Adult? (on label, "juv") male. Port Graham (on the shore of Cook's Inlet near the tip of the Kenai Peninsula), southern Alaska. Apr. 9, 1892. Collected by Charles H. Townsend.

Melospiza fasciata caurina Ridgway

Auk 16 (1): 36, January 1899.

=*Melospiza melodia caurina* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 601, 1938.

138367. Adult male. Yakutat (a settlement on Yakutat Bay), southeastern Alaska. July 6, 1895. Collected by Clark P. Streator. Received from the U.S. Fish and Wildlife Service.

Melospiza melodia inexspectata Riley

Proc. Biol. Soc. Washington 24: 234, Nov. 28, 1911.

222829. Adult female. On the Fraser River, about three miles east of Moose Lake, Mount Robson National Park, Cariboo Electoral District, Province of British Columbia, Canada. Aug. 21, 1911. Collected by J. Harvey Riley. Original number 2268. Alpine Club of Canada's Expedition to Jasper Park, Yellowhead Pass, and the Mount Robson Region, 1911.

Fringilla cinerea "Gmel." Audubon

Ornithological biography 5: 22, 1839.

Fringilla guttata Nuttall

Manual of the ornithology of the United States and of Canada, ed. 2, p. 581, 1840.

Melospiza melodia morphna Oberholser

Auk 16 (2): 183, Apr. 1899.

=*Melospiza melodia morphna* Oberholser. See Hellmayr, Catalogue of birds of the Americas 11: 601–602, 1938.

1860. Adult female. "Columbia River"=vicinity of Fort Vancouver, Clark County, Washington. Jan. 18, 1836. Collected by John K. Townsend. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from Edward Harris, who, in turn, obtained it from John J. Audubon or John K. Townsend.

1942. Adult (sex not indicated). "Columbia River"=vicinity of Fort Vancouver, Clark County, Washington. Collected by John K. Townsend. Received from Spencer F. Baird (of whose private collection it once formed part), who acquired it from John J. Audubon, who, in turn, obtained it from John K. Townsend.

Baird has written upon an old label of No. 1860: "Fringilla cinerea of Audubon. Type of his description and figure."

Another cotype of *Fringilla cinerea* Audubon came through Edward Harris into the collection of the Academy of Natural Sciences of Philadelphia, where it is No. 24028. Stone (Proc. Acad. Nat. Sci. Philadelphia 51: 19, 1899) claims that this skin alone can be a type of *Fringilla guttata* Nuttall, but there is as much reason to believe that Nuttall saw our No. 1860, then in Edward Harris's possession, as the Academy's No. 24028, then equally in Harris's possession.

Melospiza melodia morphna Oberholser is a new name for *guttata* Nuttall, preoccupied in *Fringilla,* and is based upon the same type specimen(s).

In summary, No. 1860 is a cotype of *Fringilla cinerea* Audubon, and also a probable cotype of *Fringilla guttata* Nuttall and of *Melospiza melodia morphna* Oberholser; No. 1942 is a probable cotype of *Fringilla cinerea* Audubon, but presumably has no connection with the other two names.

Melospiza melodia fisherella Oberholser

Proc. Biol. Soc. Washington 24: 251, Dec. 23, 1911.

203507. Adult male. Honey Lake, near Milford, Lassen County, California. June 18, 1906. Collected by A. Sterling Bunnell. Original number 272. Received from the U.S. Fish and Wildlife Service.

Ammodromus Samuelis Baird

Proc. Boston Soc. Nat. Hist. 6: 379, (not earlier than August) 1858.

=*Melospiza melodia samuelis* (Baird). See Grinnell, Univ. California Publ. Zool. 38: 313, 1932.

5553. Adult male. Petaluma, Sonoma County, California. May 9, 1856. Collected by Emanuel Samuels. Original number 775.

7098. Adult male. Petaluma, Sonoma County, California. May (not Aug.) 9, 1856. Collected by Emanuel Samuels. Original number 773.

Baird (*in* Baird, Cassin, and Lawrence, Birds of North America, p. x, 1860) stated that the type of *Ammodromus samuelis* is No. 7098, and probably at that time attached to it a type label. Richmond, who normally seized eagerly upon such a solution to the problem of selecting the type, here, strangely enough, goes off in the opposite direction, because "no. *5553* is the bird of the *orig.* descr., & is therefore the *real* type" (MS.). Since Baird's description is his usual composite one, it would be difficult indeed to prove that either one or the other specimen is "the bird of the *orig.* descr." In fact, of course, the two listed above are equivalent cotypes!

The name *samuelis* was probably used by Baird as euphonically preferable to the more proper *samuelsi*; unfortunately, as it stands it is not obviously dedicated to Emanuel Samuels at all, but apparently to some imaginary Samuel.

Melospiza gouldii Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xl (in list), 477 (in key), 479, 1858.

=*Melospiza melodia gouldii* Baird. See Grinnell, Univ. California Publ. Zool. 38: 312, 1932.

8053. Adult? (sex not indicated). "California." Entered into the museum register on Feb. 27, 1858. Received from John Gould.

Grinnell (*loc. cit.*) has fixed the type locality of this form as "five miles west of Inverness, toward Point Reyes, Marin County."

Melospiza fasciata pusillula Ridgway

Auk 16 (1): 35, January 1899.

=*Melospiza melodia pusillula* Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 313, 1932.

105324. Adult male. "Salt marsh," Alameda County, California. Apr. 18, 1885. Collected by W. Otto Emerson. Original number 552.

Melospiza heermanni Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xl (in list), 477 (in key), 478, 1858.

=*Melospiza melodia heermanni* Baird. See Grinnell, Univ. California Publ. Zool. 38: 314, 1932.

6227. Adult male. "Tejon Valley"=(probably) the vicinity of Fort Tejon, Kern County, California. 1853. Collected by Adolphus L. Heermann. Pacific Railroad Survey, The California Line.

Melospiza fasciata graminea C. H. Townsend

Proc. U.S. Nat. Mus. 13: 139, Sept. 9, 1890.

=*Melospiza melodia graminea* Townsend. See Grinnell, Univ. California Publ. Zool. 38: 313, 1932.

117634. Adult male. Santa Barbara Island, Los Angeles County, California. Feb. 13, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Melospiza fasciata clementæ C. H. Townsend

Proc. U.S. Nat. Mus. 13: 139, Sept. 9, 1890.

=*Melospiza melodia clementae* Townsend. See Grinnell, Univ. California Publ. Zool. 38: 314, 1932.

117620. Adult male. San Clemente Island, Los Angeles County, California. Jan. 25, 1889. Collected by Charles H. Townsend. Received from the U.S. Fish Commission.

Melospiza fasciata cooperi Ridgway

Auk 16 (1): 35, January 1899.

=*Melospiza melodia cooperi* Ridgway. See Grinnell, Univ. California Publ. Zool. 38: 313, 1932.

31895 (not 51895). Adult (sex not indicated). San Diego, San Diego County, California. Apr. 18, 1862. Collected by James G. Cooper. Original number 261 c. Geological Survey of California.

Melospiza fasciata montana Henshaw

Auk 1 (3): 224, July 1884.

=*Melospiza melodia montana* Henshaw. See Phillips, Auk 60: 246, 1943.

11222. Adult male. Fort Bridger, Uinta County, Wyoming (not Utah). June 18, 1858. Collected by Constantin Drexler. Original number 650. South Pass Wagon Road Expedition.

Zonotrichia fallax Baird

Proc. Acad. Nat. Sci. Philadelphia 7 (3): 119, July 3, 1854.

=*Melospiza melodia fallax* (Baird). See Phillips, Auk 60:245–247, 1943.

10281. Adult (sex not indicated). "Camp 106"="Pueblo Creek"= Walnut Creek, north of Prescott, Yavapai County, Arizona. Jan. 22, 1854. Collected by Caleb B. R. Kennerly. Pacific Railroad Survey, Line of the 35th Parallel.

Melospiza goldmani Nelson

Auk 16 (1): 29, January 1899.

=*Melospiza melodia goldmani* Nelson. See Hellmayr, Catalogue of birds of the Americas 11: 607, 1938.

159182. Adult male (not female). Hacienda "El Salto," State of Durango, México. July 17, 1898. Collected by Edward W. Nelson and Edward A. Goldman. Original number 5662. Received from the U.S. Fish and Wildlife Service.

Melospiza adusta Nelson

Auk 16 (1): 28, January 1899.

=*Melospiza melodia adusta* Nelson. See Hellmayr, Catalogue of birds of the Americas 11: 608, 1938.

144046. Adult male. Pátzcuaro, State of Michoacán, México. July 27, 1892. Collected by Edward W. Nelson and Edward A. Goldman. Original number 261. Received from the U.S. Fish and Wildlife Service.

Melospiza melodia, var. mexicana Ridgway

in Baird, Brewer, and Ridgway, History of North American birds 2: 18 (footnote 5), January 1874.

=*Melospiza melodia pectoralis* von Müller. See Hellmayr, Catalogue of birds of the Americas 11: 608, 1938.

60046. Adult (sex not indicated). State of Puebla, México. January 1866. Received from Adolphe Boucard.

Melospiza melodia euphonia Wetmore

Smithsonian Misc. Coll. 95 (17): 1, Sept. 26, 1936.

348887. Adult male. Cranberry Glades (elev. 3,300 feet), Pocahontas County, West Virginia. June 8, 1936. Collected by Watson M. Perrygo and J. Carleton Lingebach. Original number 393.

Melospiza melodia atlantica Todd

Auk 41 (1): 147, Jan. 10, 1924.

294442. Adult male. Smith's Island, Northampton County, Virginia. May 25, 1898. Collected by William Palmer. Original number 4979. Received from William Palmer (of whose private collection it once formed part).

Genus CALCARIUS Bechstein

Calcarius lapponicus coloratus Ridgway

Auk 15 (4) : 320, October 1898.

89167. Adult male. Copper Island, Commander Islands, Bering Sea off Kamchatka. May 6, 1882. Collected by Leonhard H. Stejneger. Original number 1002.

Calcarius lapponicus alascensis Ridgway

Auk 15 (4) : 320, October 1898.

118904. Adult male. Saint Paul Island, Pribilof Islands, Bering Sea. June 5, 1890. Collected by William Palmer. Original number 104.

Plectrophanes melanomus Baird

in Baird, Cassin, and Lawrence, Rep. Expl. and Surv. R.R. Pac. 9: xxxviii (in list), 431 (in key), 436, 1858.

=*Calcarius ornatus* (Townsend). See Hellmayr, Catalogue of birds of the Americas 11: 642, 1938.

6290. Adult male (in autumn plumage). Fort Thorn, Dona Ana County, New Mexico. Entered into the museum register between April 13 and June 3, 1857. Collected by T. Charlton Henry.

6292. Adult male (in autumn plumage). New Mexico. 1854. Collected by Adolphus L. Heermann. Pacific Railroad Survey, Line of the 32nd Parallel, West.

After an apparently composite diagnosis, Baird gives a set of measurements, followed by "(No. 6290)." As a result, No. 6290 has passed as the type, despite the fact that its state of plumage agrees in hardly any particular with Baird's description of the putative form! I suggest that "(No. 6290)" has reference only to the measurements immediately preceding, and that it might easily be a *lapsus calami* for No. 6292, of which the make-up permits a more exact measurement of "length" than does that of No. 6290!

All adults among the nine specimens listed by Baird on page 437 should no doubt be considered cotypes of *melanomus.* I have been able to find only four of the original series, and of these Nos. 9116 (not 9115) and 6293 are too young for serious consideration.

Genus PLECTROPHENAX Stejneger

P[lectrophenax]. nivalis townsendi Ridgway

Manual of North American birds, p. 403, September 1887.

=*Plectrophenax nivalis townsendi* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 644, 1938.

106695. Adult male. Otter Island, Pribilof Islands, Bering Sea. June 8, 1885. Collected by Charles H. Townsend. Original number 1046.

Plectrophenax hyperboreus Ridgway

Proc. U.S. Nat. Mus. 7: 68, July 25, 1884.

=*Plectrophenax nivalis hyperboreus* Ridgway. See Hellmayr, Catalogue of birds of the Americas 11: 645, 1938.

78551. Adult male (on label, "♀"). Saint Michael (on the southern shore of Norton Sound), western Alaska. April 1879. Collected by Edward W. Nelson. Original number 1032.

78556. Adult female. Saint Michael, western Alaska. April 1879. Collected by Edward W. Nelson. Original number 1033.

92090. Adult male. Nushagak (a settlement on Nushagak Bay, just below the mouth of the Nushagak River), southwestern Alaska. Dec. 10, 1882. Collected by Charles L. McKay. Original number 80.

92091. Adult female. Nushagak, southwestern Alaska. Nov. 16, 1882. Collected by Charles L. McKay. Original number 80.

Each of these four was fully described as the type of a particular plumage, and each is distinctly so marked on its label.

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